Océ User manual

Océ VarioPrint® 3070/3090/3110

User manual

Océ-Technologies B.V.

© 2006, Océ-Technologies B.V. Venlo, The Netherlands.
All rights reserved. No part of this work may be reproduced, copied, adapted, or transmitted in any form or by any means without written permission from Océ.

Océ-Technologies B.V. makes no representation or warranties with respect to the contents hereof and specifically disclaims any implied warranties of merchantability or fitness for any particular purpose.
Further, Océ-Technologies B.V. reserves the right to revise this publication and to make changes from time to time in the content hereof without obligation to notify any person of such revision or changes.

Edition 2006-06

US

Trademarks

List of Trademarks

Océ, Océ VarioPrint® 3070/3090/3110 are registered trademarks of Océ-Technologies B.V..
Adobe®, Acrobat®, Reader® and Distiller® are registered trademarks of Adobe® Systems Incorporated.
PostScript® 3™ is a registered trademark of Adobe® Systems Incorporated.
True Type® is a registered trademark of Apple® Computer, Inc.
Linux® is a registered trademark of Linus Torvalds.
Microsoft®, Windows® , Windows NT®, Windows 98®, Windows 2000®, Windows XP®, Windows Server 2003® are either registered trademarks or trademarks of Microsoft® Corporation in the United States and/or other countries.
Netscape® is a registered trademark of the Netscape® Communications Corporation in the U.S. and other countries.

Notes to the reader

Introduction

This manual helps you use the Océ VarioPrint® 3070/3090/3110. The manual contains a description of the Océ VarioPrint® 3070/3090/3110 and guidelines for its use and operation. There are also tips given to help you increase your knowledge of the Océ VarioPrint® 3070/3090/3110 and to help you better manage the workflow.

Definition

Attention Getters

Parts of this manual require your special attention. These parts provide important, additional information or are about the prevention of damage to your properties.

Note, Attention and Caution

The words **Note**, **Attention** and **Caution** indicate these important parts.

- The word **Note** comes before additional information about the correct operation of the Océ VarioPrint® 3070/3090/3110 or before a hint.
- A part marked with **Attention** contains information to prevent damage to items, for example the Océ VarioPrint® 3070/3090/3110 or a file.
- A part marked with **Caution** contains information to prevent personal injury.

Safety information

The safety information for this product is included in a separate manual with the title **Safety manual**. This manual is part of the documentation set that you received with your product.

Table of Contents

Chapter 1
Introduction 9
About the Océ VarioPrint® 3070/3090/3110 10
Available documentation 11

Chapter 2
Getting to know the Océ VarioPrint® 3070/3090/3110 13
The Océ VarioPrint® 3070/3090/3110 components 14
The power modes of the Océ VarioPrint® 3070/3090/3110 19
Page Description Languages on the Océ VarioPrint® 3070/3090/3110 . 22
The Signal Lamp (optional) 23
Install the dual paper tray (optional). 24

Chapter 3
Turn on and off the Océ VarioPrint® 3070/3090/3110 27
Turn on the Océ VarioPrint® 3070/3090/3110. 28
Shut down the Océ VarioPrint® 3070/3090/3110 30
Restarting the Océ Smart Imager 31

Chapter 4
Prepare the Océ VarioPrint® 3070/3090/3110 for use 33
Access the Océ VarioPrint® 3070/3090/3110 Settings Editor in key operator mode 34
Access the Océ VarioPrint® 3070/3090/3110 Settings Editor in system administrator mode 36
Setting the Operator Language 38
Specifying the Active PDL 39
Switching the SRA Channel Off-line or On-line 40

Chapter 5
Understand the information on the operator panel 41
Introduction to the information on the operator panel 42
The information in the message area 43
The information in the 'System' section 44
The information in the 'Media' section 46

Chapter 6
Use Tray or Media management 49
Introduction to the system manager. 50
About the 'Media catalog'. 54

Set the paper input 55
Store the tray settings 58
Loading the Stored Tray Settings 60
About the tray-linking feature 61
Define the settings for Tray management 64
Define the image shift 64
Define a special front 67
Custom size media 69
Oversize media 71
The concept of inserts 72
Create a link between paper trays 74
Removing a Paper Tray from the 'All trays' Group 77
Creating Two Groups from the 'All trays' Group 78
Creating Two Groups of Paper Trays 80
Define the settings for Media management 82
Select a media name 82
Define the image shift 83
Custom size media 86
Oversize media 88
The concept of inserts 89

Chapter 7
Print to the Océ VarioPrint® 3070/3090/3110 91
Possible server platforms 92
The Océ VarioPrint® 3070/3090/3110 GPD file 93
Pause a print job 95
Resume a print job 97
Stop a print job and clear the buffer 98

Chapter 8
Add the supplies 101
Add the toner 102
Add the staples 105
Load the paper trays 108
Load custom size media 110
Load oversize media 112

Chapter 9
Error handling 115
Handle errors on the Océ VarioPrint® 3070/3090/3110 116
About Paper Jams 118
About the staple jams 120

Appendix A
Overview and tables 121

Product specifications 122
Materials that can be used. 124

Appendix B
Miscellaneous 127
Reader's comment sheet 128
Addresses of local Océ organisations 130

Chapter 1
Introduction

About the Océ VarioPrint® 3070/3090/3110

Introduction

The Océ VarioPrint® 3070/3090/3110 is a 600 dpi printer for the transaction printing market.

The system offers native PDL support for IPDS and PCL.

The main features of the Océ VarioPrint® 3070/3090/3110 printer

[1] Overview of the Features

Features	Details
Host/server support	■ Direct PCL printing via the GPD file. ■ IPDS, for example through IBM and Siemens (BS2000). ■ Océ PRISMAproduction, PRISMAsatellite, PRISMAoffice. ■ Back channel support for all host environments.
Paper feed	■ 3 Paper trays with 1,700 sheets per tray, or ■ Four paper trays with 2 x 1,700 and 2 x 600 sheets per tray. ■ Load the paper trays during printing. ■ Flexible, productive tray-linking. ■ Supported paper weights: 60 - 200 g/m^2. ■ Supported paper formats: A4, A3, Letter, Legal, Tabloid. ■ Support for special media, for example perforated paper, labels, coated paper, pre-printed paper and carbonless paper.
Output	■ 3 Flexible output trays with a capacity of 4,000 sheets. ■ Staplers with a maximum capacity of 80 sheets (80 g/m^2 paper). ■ Support for on-line connection to various finishing systems, for example enveloping systems or high-capacity stackers.

Available documentation

The documentation set of the Océ VarioPrint® 3070/3090/3110

Océ delivers the Océ VarioPrint® 3070/3090/3110 with a documentation set. The documentation set contains the following manuals:

[2] The documentation set

Document	Description
User manual	Describes the use of the Océ VarioPrint® 3070/3090/3110. The manual includes the following: ■ An overview of the components ■ A description of the main power modes ■ How to turn the system on and off ■ The use of the operator panel ■ The use of the two types of paper management ('Tray management' and 'Media management') ■ The server and mainframe platforms that can be used ■ How to add supplies ■ How to handle errors
On-line help for the Océ VarioPrint® 3070/3090/3110 Settings Editor	Describes the settings in the Océ VarioPrint® 3070/3090/3110 Settings Editor that the key operator and the system administrator can view or change. The on-line help describes the following: ■ The printer configuration (for example the software versions, the counters, the paper management) ■ The system configuration (for example the energy save settings, the operator panel language and service information) ■ The network settings (for example, DHCP, SNMP and the TCP/IP settings)
Safety manual	Describes the safety issues. The manual includes the following: ■ Instructions for safe use ■ Safety data sheets ■ The EPA Energy Star® information

Chapter 2
Getting to know the Océ VarioPrint® 3070/3090/3110

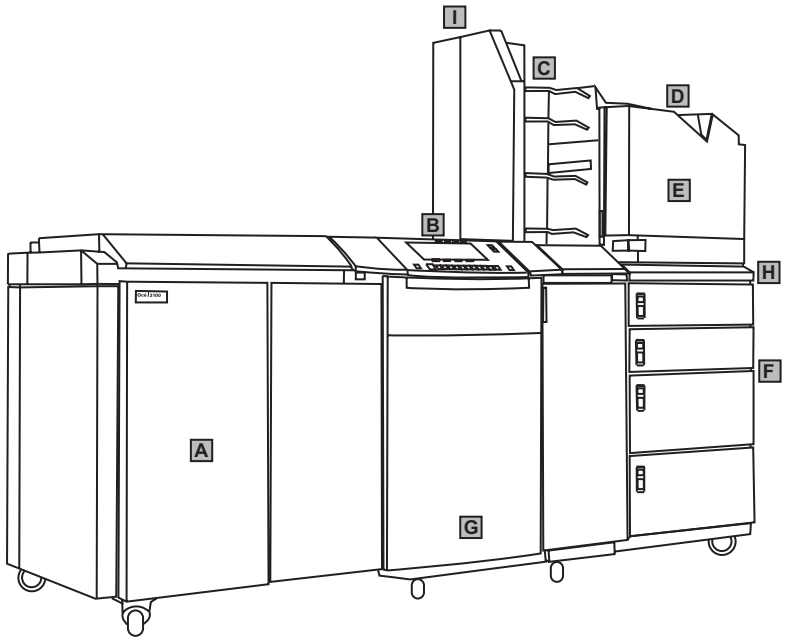
The Océ VarioPrint® 3070/3090/3110 components

Introduction

The Océ VarioPrint® 3070/3090/3110 has the following functional units:

- The printer
- The operator panel
- The controller.

The printer

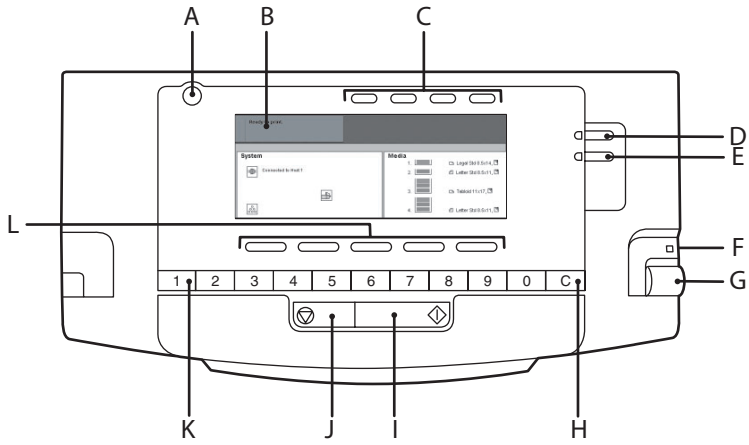


[1] The parts of the printer

Part	Description	Function (for example)
A	Left front door	Open the door to refill the toner.
B	Printer top left cover (the printer top right cover is situated under the finisher)	Open the cover to handle paper errors.
C	Finisher	Receive the printed documents.
D	Upper output	Receive the error prints and other formats than A4 or Letter.
E	Finisher front door	Open the door to refill the staplers and handle errors inside the finisher in the areas labeled D and E.
F	Paper trays	Open the trays to add the paper.
G	Front doors	Open the doors to access the areas inside the system labeled A, B and C to handle errors.

Part	Description	Function (for example)
H	Connection to an external finisher	Install an external finisher.
I	Signal lamp (optional, not displayed on the picture)	Inform the operator about the status of the printer. The signal lamp has four statuses. ■ Green The printer processes the jobs. ■ Orange The operator must refill a supply, for example toner. The signal lamp is also orange when the memory is almost full. ■ Red The printer has an error. This error can be an operator recoverable error, ORE, or a machine recoverable error, MRE (see *'Handle errors on the Océ VarioPrint® 3070/3090/3110' on page 116*). The signal lamp is also red when a job needs a supply that is not available, for example a paper type or staples (see *'Load the paper trays' on page 108*) (see *'Add the staples' on page 105*) ■ Off The printer is stand-by, in the sleep mode or off or requires an action from the operator.

The operator panel



[2] The parts of the operator panel

Part	Description	Function
A	Contrast key	The contrast key allows you to increase the difference between the colors on the screen. In this way, the screen on the operator panel becomes clearer.
B	Message area	Display system messages and information about the print jobs.
C	Upper softkeys (function keys)	Navigate in the system manager. You can also use the keys to go back to the basic view.
D	'System' key	Open the system manager. The LED next to the key indicates that the system manager is active. To close the system manager, either press or press 'Close'.
E	'Help' key	This key has no function.
F	Confirm key	This key has no function.
G	Scroll wheel	In 'Tray management' mode: ■ Select a media size for a paper tray in the system manager. ■ Set a value for the settings 'Image shift front' and 'Image shift back' in the system manager. In 'Media management' mode: ■ Select a media name for a paper tray in the system manager. ■ Set a value for the settings 'Image shift front' and 'Image shift back' in the system manager.
F	Lower softkeys (function keys)	The function of the keys depends on the state of the operator panel. The primary use of the lower softkeys is to define system settings.
H	Correction key C	This key has no function.
I	Start key	Continue the processing of the print jobs. You can also use the key to confirm actions on the operator panel.
J	Stop key	Suspend the processing of the print jobs.
K	Numeric keys	Used to store and load the tray settings.

Part	Description	Function
Left-hand side of the screen, not marked in the illustration	System section	Display information about the status of important system features.
Right-hand side of the screen, not marked in the illustration	Media section	Display information about the status and contents of the paper trays.

The Océ Smart Imager controller

An important part of the Océ VarioPrint® 3070/3090/3110 is the Océ Smart Imager controller. The controller combines the powerful Océ SRA (Scalable Raster Architecture) controller technology with the flexibility of the Océ VarioPrint® 3070/3090/3110 Settings Editor software.
The Océ VarioPrint® 3070/3090/3110 Settings Editor offers key operators and system administrators the possibility to adapt the default settings of the Océ VarioPrint® 3070/3090/3110 to their requirements.
The on-line help of the Océ VarioPrint® 3070/3090/3110 Settings Editor contains all the details about the settings and how to change the settings.

The power modes of the Océ VarioPrint® 3070/3090/3110

Introduction

The main power modes of the Océ VarioPrint® 3070/3090/3110 include the following:

- Off
- Low power mode
- Sleep mode

The low power and sleep modes are the energy-saving modes of the Océ VarioPrint® 3070/3090/3110.

Note: *The on-line help in the Océ VarioPrint® 3070/3090/3110 Settings Editor contains more information about how to change the settings.*

Off

The Océ VarioPrint® 3070/3090/3110 is completely turned off.
You can not reach the system via the network.
You must press the power switch to turn on the system (see *'Turn on the Océ VarioPrint® 3070/3090/3110' on page 28*).

Low power mode

When the printer is in the low power mode, power consumption is decreased to a lower level.
The operator panel on the printer displays a screen saver with the text 'Energy save mode' .
You can not disable the low power mode.

The system goes to the low power mode in the following situation:

[5] System Goes into the Low Power Mode

	When
1	The Océ VarioPrint® 3070/3090/3110 was not used for a pre-defined time. You can set a time between 1 and 240 minutes in increments of 1 minute. The factory default is 15 minutes. Use the setting 'Low power mode timer' in the Océ VarioPrint® 3070/3090/3110 Settings Editor to change the default value. **Note:** *The time set for the 'Low power mode timer' must be shorter than the time set for the 'Sleep mode timer'.*

The system returns from the low power mode in the following situations:

[6] System Returns from the Low Power Mode

	When
1	You press a key on the operator panel.
2	You send a print job.

Note: *The system needs a couple of minutes to warm up.*

Sleep mode

When the system is in sleep mode, the power consumption is decreased to a very low level.
The operator panel on the printer is off. The On/Off button ⏻ on the printer is amber.

The system goes to the sleep mode in the following situations:

[7] System Goes into the Sleep Mode

	When
1	The Océ VarioPrint® 3070/3090/3110 is not used for a pre-defined time. You can set a time between 15 and 240 minutes in increments of 1 minute. The factory default is 60 minutes. Use the setting 'Sleep mode timer' in the Océ VarioPrint® 3070/3090/3110 Settings Editor to change the default value.
2	You press the On/Off button ⏻ on the printer.
3	You click the 'OK' button in the setting 'Turn into sleep mode' in the Océ VarioPrint® 3070/3090/3110 Settings Editor.

The system returns from the sleep mode in the following situations.

[8] System Returns from the Sleep Mode

	When
1	You press the On/Off button ⏻ on the printer.
2	You send a print job (only when the setting 'Automatic wake-up' in the Océ VarioPrint® 3070/3090/3110 Settings Editor is enabled.)

Note: *The system needs a couple of minutes to warm up.*

Page Description Languages on the Océ VarioPrint® 3070/3090/3110

Definition

A Page Description Language (PDL) defines the output of a printer. A printed page has many elements, for example lines, a defined size and fonts. The PDL contains the information that is necessary to identify and control the printer.

The SRA controller for the Océ VarioPrint® 3070/3090/3110 uses the following PDLs.

- Intelligent Printer Data Stream (IPDS)
- Printer Command Language (PCL).

Attributes of IPDS and PCL

- IPDS and PCL are printer dependent.
- To use IPDS or PCL and change the settings, you must have installed a valid license for that PDL.

Note: *Only **one** PDL can be active at a time if you have installed more than one PDL license.*

Change the settings

Remember the following when you change the settings for one of the PDLs.

- Start the Océ VarioPrint® 3070/3090/3110 Settings Editor in your web browser in the key operator mode (see *'Access the Océ VarioPrint® 3070/3090/3110 Settings Editor in key operator mode' on page 34*).
- Make sure that the 'SRA Off-line / on-line' setting is set to 'Off-line' (see *'Switching the SRA Channel Off-line or On-line' on page 40*).
- Select the required active Page Description Language (see *'Specifying the Active PDL' on page 39*).

The Signal Lamp (optional)

Introduction

The operator panel informs the operator when the system needs operator interaction. However, in most cases the operator takes care of more than one system.
The signal lamp is used to inform the operator when they are not close to the system.

The system can be in different states (statuses). The table below shows the possible states in which the system needs operator interaction.

[9] System States

State	Information
Idle	There are no jobs
System in error	Machine Recoverable Error/Operator Recoverable Error/Permanent Error etc.
Job stopped	Due to a contradiction, stop after a page etc.
To improve productivity, the operator is warned some time before the system actually stops (warning).	
Nearly out of toner	The system contains toner for about 5,000 more pages. The system stops when the toner reservoir is empty

State signal colors

The signal lamp contains three lights (green, yellow and red) to indicate the different states.

[10] State signal colors

Color	Function	Displayed on the operator panel
Green	The printer prints; No error	-
Yellow/orange	The toner level is Low	"Refill toner"
Red	An error occurred and the operator is requested to correct the problem.	The instructions are displayed how to correct the problem.

Install the dual paper tray (optional)

Introduction

Task for operators, key operators

The dual paper tray is an optional high-capacity paper tray. You can use a dual paper tray instead of a standard bulk tray. A standard bulk tray can contain up to 1,700 sheets. A dual paper tray can contain 2 stacks of paper (A4 LEF or Letter LEF). The total capacity of a dual paper tray is about 3,400 sheets.
The following procedures describe how to replace the bulk trays with dual paper trays, and the other way round.

Note: *Do not fill the dual paper tray above the maximum levels as indicated on the 2 stickers inside the paper tray. Put the left-hand paper stack fully against the left edge. Put the right-hand paper stack fully against the right edge.*

Before you begin

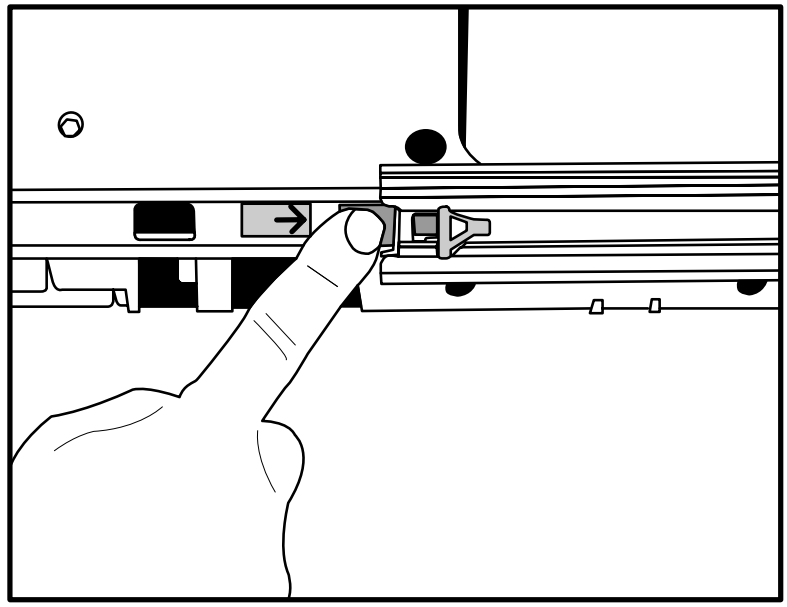
Make sure that the paper tray you want to replace is empty.

Note: *When the dual paper trays are installed for the first time, a number of adjustments are required. Therefore, Océ service technicians will do the initial installation.*

Caution: The bulk trays and the dual paper trays are heavy. Always remove and install the bulk trays and the dual paper trays with 2 persons.

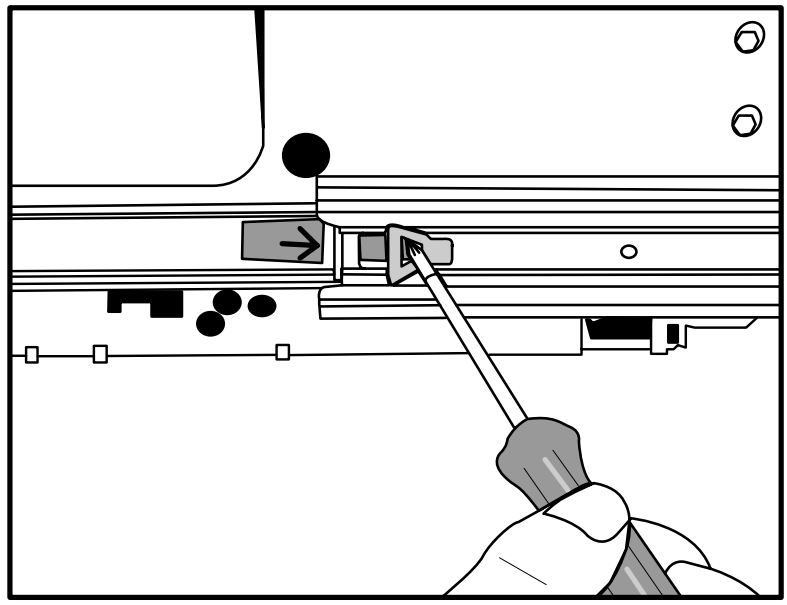
How to remove a bulk tray or dual paper tray

1. Press the button on the front side of the paper tray to open the paper tray.
   The rails on both sides of the paper tray contain 2 red stickers with an arrow.
2. Slide the paper tray out until you see the first red sticker.
   A spring-lock is situated next to the sticker.
3. Press the spring-lock of the right-hand rail to release the spring-lock.



[3] Release the first spring-lock

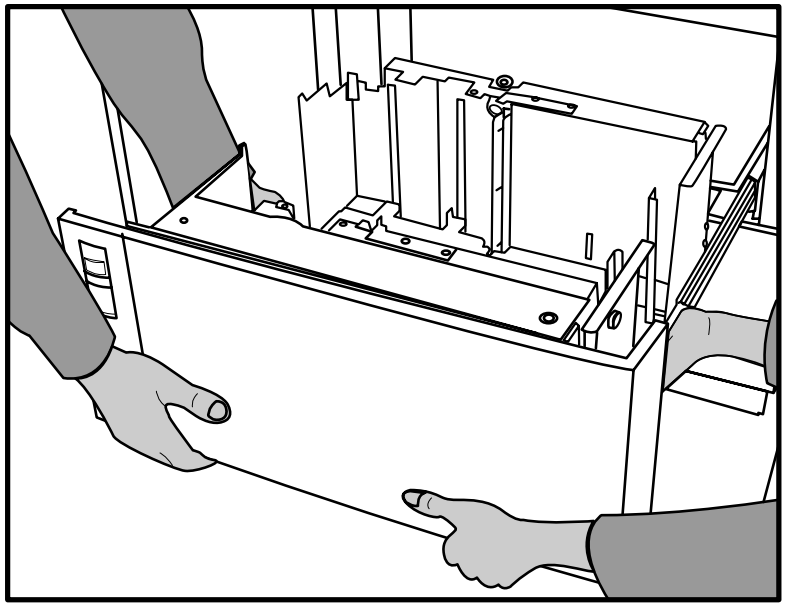
4. Slide the paper tray just a little bit from the spring-lock.
5. Repeat the steps 3 and 4 for the left-hand rail.
6. Slide the paper tray further out until you see the second red sticker.
   A spring-lock is situated next to the sticker.
7. Put a screwdriver into the rear hole of the right-hand rail to press the spring-lock.



[4] Release the second spring-lock

8. Slide the paper tray just a little bit from the spring-lock.

9. Repeat the steps 7 and 8 for the left-hand rail.
10. Remove the paper tray.
    Remember that 2 persons are required to remove the paper tray.



[5] Remove the paper tray with 2 persons

How to install a bulk tray or dual paper tray

1. Take the paper tray.

Note: *Remember that 2 persons are required to install a paper tray.*

2. Slide the rails of the paper tray into the rails of the printer.
   Push the paper tray far enough into the rails to prevent that the paper tray can drop.
3. Close the paper tray.
   The rails of the paper tray are automatically locked in the spring-locks.
   You can now load the media into the paper tray.

Note: *Remember not to load more paper than indicated on the stickers inside the paper tray.*

Chapter 3
Turn on and off the Océ VarioPrint® 3070/3090/3110

Turn on the Océ VarioPrint® 3070/3090/3110

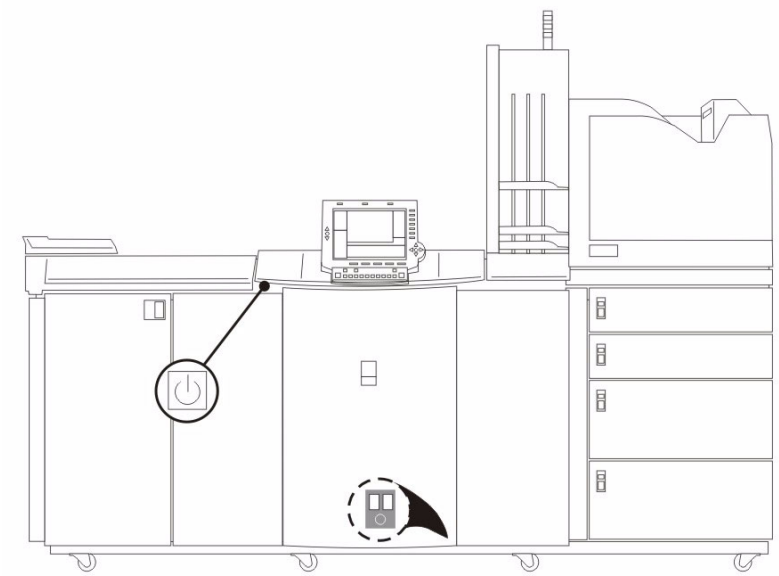
Introduction

The system has the following switches and buttons (see the figure for the correct locations).

- Power switch
  You can find the power switch on the left-hand side of the printer. The power switch cuts and connects the power to the complete system.
- On/Off button with amber and green LED
  The On/Off button allows you to toggle the status of the system between the stand-by mode and the sleep mode (to save energy). This is only possible if the power switch is in '1' position and the start-up phase is done.

In the table below you find the state indicators of the LED in the On/Off button and the LEDs at the right-hand side of the operator panel.

Note: *When the system is in the sleep mode, you must wake up the system to process the print jobs (see 'The power modes of the Océ VarioPrint® 3070/3090/3110' on page 19).*



[6] The Power Switches

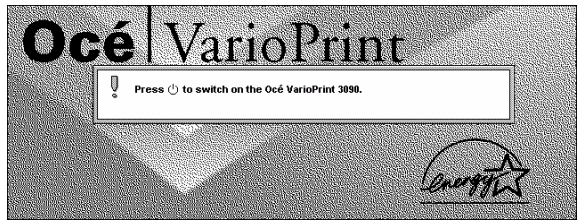
[11] System State Indicators

System state	On/Off button	LEDs on the right-hand side of the operator panel
Off	Off	Off
Controller initializing	Amber flashes	Green (in turns)
■ Sleep mode ■ Safety sleep mode ■ Fatal error ■ Permanent error	Amber	Off
■ Low power mode ■ System initializing ■ System warming up ■ Stand-by mode ■ Process a print job ■ Operator recoverable error ■ Runtime contradiction	Green	Off
Machine recoverable error	Green / amber	Off

How to turn on the Océ VarioPrint® 3070/3090/3110

1. Press the power switch.
   The system starts up. The following occurs:
   - The LED on the operator panel flashes.
   - The screen of the operator panel is off/black.
   - The amber LED in the On/Off button flashes.

2. Wait until the following screen appears.



[7] Press the On/Off button

3. Press the On/Off button.
   The LED in the On/Off button changes from amber to green.

Shut down the Océ VarioPrint® 3070/3090/3110

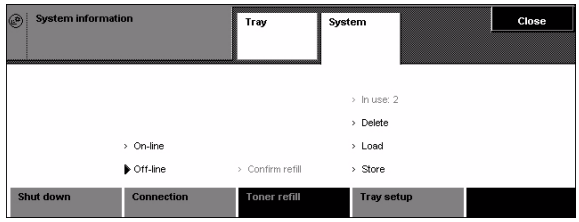
Introduction

Follow the correct shut-down procedure on the operator panel before you shut down the Océ VarioPrint® 3070/3090/3110 with the power switch .
The system shuts down in a controlled way.

Note: *To save energy, you can also put the Océ VarioPrint® 3070/3090/3110 into the sleep mode (see 'The power modes of the Océ VarioPrint® 3070/3090/3110' on page 19).*

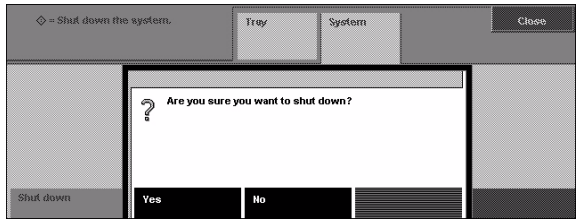
How to shut down the Océ VarioPrint® 3070/3090/3110

1. Press the System manager key on the operator panel to open the system manager.
2. Press the key for 'System' .
3. Press the key for 'Connection' . Select 'Off-line' .



[8] Setting the Connection to Off-line

4. Press the key for 'Shut down' .
5. Press the start key to start the shut-down procedure.
   The following screen appears.



[9] Confirming the Shut-down Procedure

6. Press the key for 'Yes' .
   The printer starts to shut down.
7. When the LED at the right-hand side of the operator panel starts to flash, press the key for 'Close' to continue the shut-down procedure. The following occurs:
   - The LED in the On/Off button changes from green to amber.
   - The screen of the operator panel goes off.
   - The LED next to the System manager key goes off.
8. Press the power switch .

Restarting the Océ Smart Imager

Introduction

Task for key operator and system administrator

When you change certain settings in the Océ VarioPrint® 3070/3090/3110 Settings Editor, the software may ask you to restart the Océ Smart Imager. A restart activates the changed settings.
You can restart the Océ Smart Imager in the key operator mode and in the system administrator mode.

Before you begin

- Start the Océ VarioPrint® 3070/3090/3110 Settings Editor in your web browser in the key operator mode or the system administrator mode.
- Make sure that the SRA channel is off-line.

How to restart the Océ Smart Imager

1. Click 'Service' in the title bar of the Océ VarioPrint® 3070/3090/3110 Settings Editor.
2. Click 'Control' .
3. Click 'Restart' .
4. Click 'OK' to restart the Océ Smart Imager.
   The Océ Smart Imager restarts.
5. Press the On/Off button ⏻ on the printer to wake up the system.
   The LED in the On/Off button ⏻ changes from amber to green.

Chapter 4
Prepare the Océ VarioPrint® 3070/3090/3110 for use

Access the Océ VarioPrint® 3070/3090/3110 Settings Editor in key operator mode

Introduction

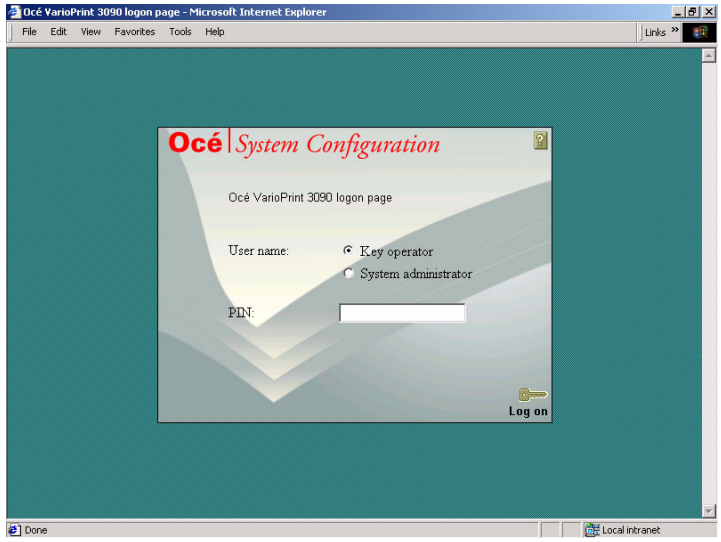
Task for key operator

The Océ VarioPrint® 3070/3090/3110 Settings Editor is an application on the Océ Smart Imager controller that you can use to adapt the system settings of the Océ VarioPrint® 3070/3090/3110.

The Océ VarioPrint® 3070/3090/3110 Settings Editor is a web-based application. You can access the application through a standard web browser. The supported web browsers are for example Microsoft® Internet Explorer 4.0 or higher in combination with Windows® NT® 4/9x/XP/2000, or Netscape® 6.2 in combination with Linux®.

To access the key operator mode of the Océ VarioPrint® 3070/3090/3110 Settings Editor, you need the special key operator PIN code.

Illustration



[10] Logging On as Key Operator

How to access the Océ VarioPrint® 3070/3090/3110 Settings Editor in system administrator mode

1. Start your web browser.
2. Enter the URL to connect to the Océ VarioPrint® 3070/3090/3110 Settings Editor in the key operator mode. This URL is http://<hostname>/kos

Note: *The host name is the name of the Océ VarioPrint® 3070/3090/3110 on the network.*

You now see the logon page of the Océ VarioPrint® 3070/3090/3110 Settings Editor.

3. Enter the 'PIN' for the key operator.
4. Click 'Log on' .

Note: *You can see the settings for the system administrator when you log on in key operator mode. Some settings are system administrator settings only. These settings are dimmed or read-only settings. You must log on in the system administrator mode to change the system administrator settings.*

Access the Océ VarioPrint® 3070/3090/3110 Settings Editor in system administrator mode

Introduction

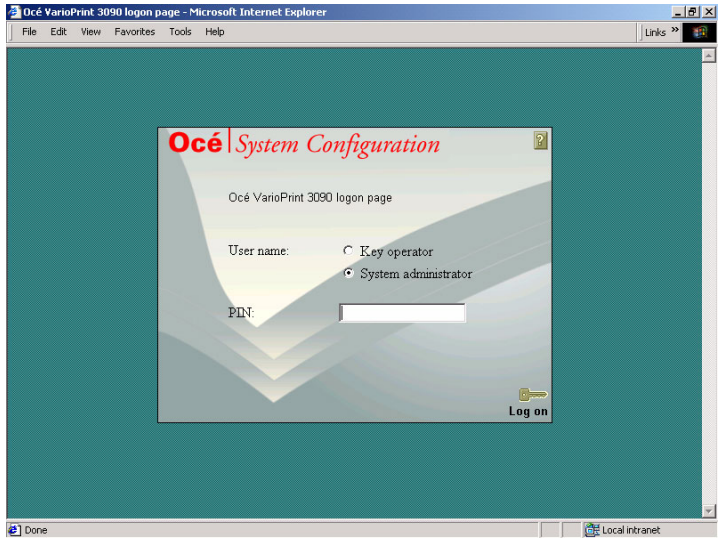
Task for system administrator

The Océ VarioPrint® 3070/3090/3110 Settings Editor is an application on the Océ Smart Imager controller that you can use to adapt the system settings of the Océ VarioPrint® 3070/3090/3110.

The Océ VarioPrint® 3070/3090/3110 Settings Editor is a web-based application. You can access the application through a standard web browser. The supported web browsers are for example Microsoft® Internet Explorer 4.0 or higher in combination with Windows® NT® 4/9x/XP/2000, or Netscape® 6.2 in combination with Linux®.

To access the system administrator mode of the Océ VarioPrint® 3070/3090/3110 Settings Editor, you need the special system administrator PIN code.

Illustration



[11] Logging on As System Administrator

How to access the Océ VarioPrint® 3070/3090/3110 Settings Editor in system administrator mode

1. Start your web browser.
2. Enter the URL to connect to the Océ VarioPrint® 3070/3090/3110 Settings Editor in the system administrator mode. This URL is http://<hostname>/sas

Note: *The host name is the name of the Océ VarioPrint® 3070/3090/3110 on the network.*

You now see the logon page of the Océ VarioPrint® 3070/3090/3110 Settings Editor.

3. Enter the 'PIN' for the system administrator.
4. Click 'Log on' .

Note: *When you log on in the system administrator mode, you can also see and change settings for the key operator.*

Setting the Operator Language

Introduction

Task for key operator

You can set the language of the Océ VarioPrint® 3070/3090/3110.
The Océ VarioPrint® 3070/3090/3110 Settings Editor software and the operator panel of the printer always display the same language. The default language is UK-English.
You can select one of the 17 available languages. Follow the procedure below to change the language.

Note: *There is no language setting available on the operator panel. You can only change the language in the Océ VarioPrint® 3070/3090/3110 Settings Editor.*

Before you begin

Start the Océ VarioPrint® 3070/3090/3110 Settings Editor in your web browser in the key operator mode (see *'Access the Océ VarioPrint® 3070/3090/3110 Settings Editor in key operator mode' on page 34*).

How to set the operator language

1. Click 'Settings' in the title bar of the Océ VarioPrint® 3070/3090/3110 Settings Editor.
2. Click 'System' .
3. Click 'Language' .
4. Select the language of your choice.
5. Click 'Apply' to apply the change.

Specifying the Active PDL

Introduction

Task for key operator

Use this setting to specify the active Page Description Language (PDL).

Select one of the following.
- 'IPDS'
- 'PCL' .

When more than one Page Description Language is licensed and installed, you must indicate which PDL you want to use.

Note: *You can only view the settings for a PDL when you have a valid license for that PDL.*

Before you begin

1. Start the Océ VarioPrint® 3070/3090/3110 Settings Editor in your web browser in the key operator mode (see *'Access the Océ VarioPrint® 3070/3090/3110 Settings Editor in key operator mode' on page 34*).
2. Make sure that the 'SRA off-line / on-line' setting is set to 'Off-line'(see *'Switching the SRA Channel Off-line or On-line' on page 40*).

How to specify the active PDL

1. Click 'Settings' in the title bar of the Océ VarioPrint® 3070/3090/3110 Settings Editor.
2. Click 'Interpreters' .
3. Click 'SRA' .
4. Click 'SRA settings' .
5. Click 'Active PDL' .
6. Select 'IPDS' or 'PCL' .
7. Click 'Apply' .
8. Restart the Océ Smart Imager to apply the change (see *'Restarting the Océ Smart Imager' on page 31*).

Switching the SRA Channel Off-line or On-line

Introduction

Task for key operator and system administrator

When the SRA channel is on-line, the Océ VarioPrint® 3070/3090/3110 can process the print jobs.

You must switch the SRA channel to off-line to do the following:
- Change the active PDL.
- Change the network settings.
- Change the IPDS settings or PCL settings.
- Change the IPDS resources or PCL resources.
- Start a print job from the Océ VarioPrint® 3070/3090/3110 Settings Editor, for example a configuration report.

Note: *You can only switch the SRA channel to off-line when the printer does not process a print job and is not connected to a server.*

Before you begin

Start the Océ VarioPrint® 3070/3090/3110 Settings Editor in your web browser in the key operator mode (see *'Access the Océ VarioPrint® 3070/3090/3110 Settings Editor in key operator mode' on page 34*) or in the system administrator mode (see *'Access the Océ VarioPrint® 3070/3090/3110 Settings Editor in system administrator mode' on page 36*).

How to switch the SRA channel off- line or on-line

1. Click 'Settings' in the title bar of the Océ VarioPrint® 3070/3090/3110 Settings Editor.
2. Click 'Interpreters' .
3. Click 'SRA' .
4. Click 'SRA settings' .
5. Click 'On-line' or 'Off-line' .
6. Click 'Apply' to apply the change.

Chapter 5
Understand the information on the operator panel

Introduction to the information on the operator panel

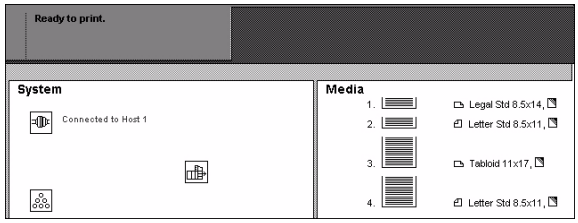
Introduction

The operator panel has the following views.

- Basic view
  The basic view is the screen that the operator panel displays most of the time. The basic view shows an overview of the most important system statuses. For example the connection status and the supply levels.
- System manager view
  The system manager view is the screen after you press the System manager key at the right-hand side of the operator panel. The system manager allows you to do system actions, and define settings for 'Tray management' or 'Media management' (see *'Set the paper input' on page 55*).

You can find a description of the system manager views and settings in a separate section (see *'Introduction to the system manager' on page 50*).

The basic view



[12] The screen of the basic view

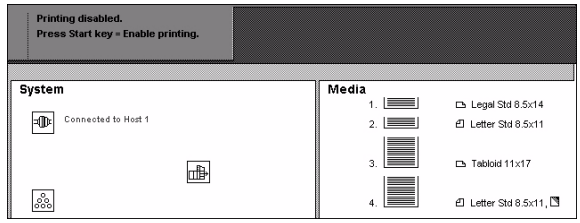
[12] Description of the information sections

Information section	Description
The message area	The message area is the upper left part of the screen. The message area displays system messages and information about the print job that is processed (see *'The information in the message area' on page 43*).
The 'System' section	The 'System' section is the left-hand part of the screen. The 'System' section displays information about the status of the system and the level of the toner and staples (see *'The information in the 'System' section' on page 44*).
The 'Media' section	The 'Media' section is the right-hand part of the screen. The 'Media' section displays information about the media in the paper trays (see *'The information in the 'Media' section' on page 46*).

The information in the message area

The information in the message area

The message area is the upper left part of the basic view on the operator panel. The following figure shows an example of a message in the message area.



[13] Example of a message in the message area

The message area displays the following types of messages.

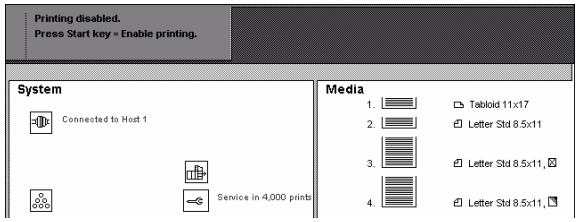
[13] Description of the information types in the message area

Information type	Description
System information	Information about the system statuses and actions you must do.
Print job information	Information about the print job that is processed, for example the indication 'Printing...' , followed by the job name and the number of pages that were already printed.

The information in the 'System' section

The information in the 'System' section

The 'System' section is the left-hand area of the basic view on the operator panel. The 'System' section contains information about the status of the system, the toner level and the level of the staplers.
The following figure shows an example of the 'System' section.



[14] The 'System' section

The following table describes the icons in the 'System' section.

[14] Description of the icons in the 'System' section (1 – 2)

Icon	Description
	The printer is on-line. The server or host can connect to the printer. When a server or host is connected to the printer, the operator panel shows the text “Connected to“, followed by a host name or an IP address.
	The printer is off-line. The server or host can not connect to the printer. You can not send print jobs to the printer. **Note:** *The off-line status is mainly for service or maintenance purposes, like the printing of the configuration report.*
	The staplers are OK.
	A stapler is empty. The text next to the icon indicates which stapler is empty and must be refilled, for example “Stapler 1 empty“ . **Note:** *The icon is always highlighted when a stapler is empty. Even when the current job does not require staples.*

[14] Description of the icons in the 'System' section (2 – 2)

Icon	Description
	The toner level is OK. **Note:** *When the toner level is low, the operator panel shows the text 'Refill toner' next to the icon. Refill the toner as soon as possible.*
	The toner reservoir is empty. Next to the icon, the operator panel shows the text 'Refill toner' . Refill the toner now.
	The external finisher is OK. The external finisher can be on-line or off-line. **Note:** *The operator panel only shows the icon when an external finisher is connected to the printer.*
	The external finisher has an error. Next to the icon, the operator panel shows the text “Check the external finisher“ .
	Maintenance is required soon. Next to the icon, the operator panel indicates the number of prints you can make, with an accuracy of 1,000 prints. For example “Service in X,000 prints“ . This indicates that preventive maintenance is required within for example the next 4,000 prints.
	Maintenance is required within the next 1,000 prints. Next to the icon, the operator panel shows the text “Service required now“ . The system stops when service is required now (0 prints).

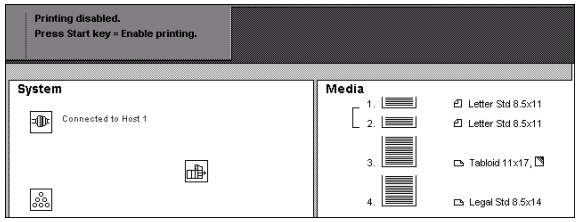
The information in the 'Media' section

The icons for the paper trays

The 'Media' section is the right-hand area of the basic view on the operator panel. The 'Media' section displays the icons for 3 or 4 paper trays. The number of paper tray icons depends on the number of paper trays in your configuration.

Note: *The indications of the tray-linking feature are described in a separate section (see 'About the tray-linking feature' on page 61).*

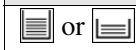
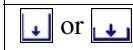
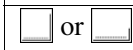
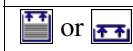
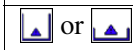
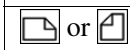
The following figure shows an example of the 'Media' section.



[15] The 'Media' section

The following table describes the icons in the 'Media' section.
The icons indicate the large paper trays and the small paper trays.

[15] Description of the icons in the 'Media' section

Icon	Description
	The horizontal lines are an indication of the level of the media in the paper trays. Each horizontal line indicates approximately 100 sheets of 80 g/m^2 paper.
	The paper tray is empty.
	The plate inside the paper tray moves up or down. For example before or after you load the paper.
	The paper tray contains more paper than the maximum allowed amount of paper. Remove the excess sheets.
	The paper tray contains a paper size or a paper orientation that the printer can not process. The paper is not supported.
	The paper tray contains paper for which you defined an image shift for the front side or back side of the paper (see *'Define the image shift' on page 64*).
	The icons indicate the feed direction of the paper (short-edge feed or long-edge feed).
	The paper tray contains paper for which you defined a special front (oriented paper). The front side and the back side of the paper are different. When you use 'Tray management', you must indicate the special front on the operator panel of the Océ VarioPrint® 3070/3090/3110 (see *'Define a special front' on page 67*). When you use 'Media management', you must indicate the special front in the 'Media catalog' (see *'Set the paper input' on page 55*).

Note: *If a dual paper tray is installed on your Océ VarioPrint® 3070/3090/3110, the 'Media' section also displays icons for the dual paper tray (see 'Install the dual paper tray (optional)' on page 24).*

Chapter 6
Use Tray or Media management

Introduction to the system manager

Introduction

The 'System' key at the right-hand side of the operator panel gives access to the system manager. In the system manager, you can do system actions or define paper settings.

The system manager has the following sections.

- The 'System' section
- The 'Tray' section
- The 'Media' section.

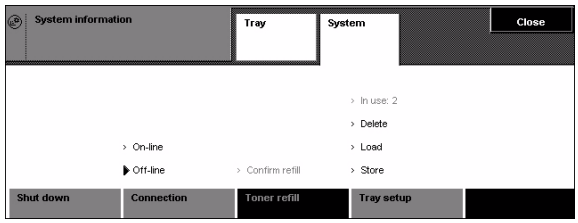
Note: *Either the 'Tray' section or the 'Media' section is displayed. This depends on the type of paper management that you selected in the Océ VarioPrint® 3070/3090/3110 Settings Editor.*

Only press the 'System' key when the printer is stand-by. When you press the key while the printer handles SRA stream jobs, the operator panel shows the message “System manager is only available when the printer is not running.“ The message disappears after 8 seconds or when you press the key again.

The 'System' section

The following figure shows the options in the 'System' section.

The following table describes the options in the 'System' section.



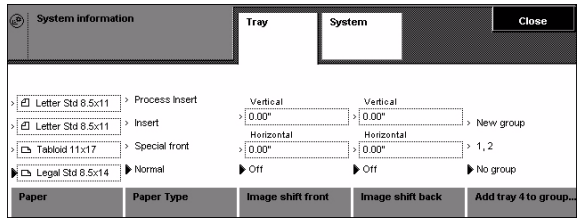
[16] The 'System' section

[16] Description of the 'System' section

Section	Description
'System'	You can do the following. ■ Shut down the system (see *'Shut down the Océ VarioPrint® 3070/3090/3110' on page 30*). Remember to put the connection off-line first. ■ Put the connection on-line or off-line (mainly used for service or maintenance purposes, like the printing of the configuration report). ■ Confirm the refill of the toner (see *'Add the toner' on page 102*). ■ Store several sets of settings (setups) for the paper trays (see *'Store the tray settings' on page 58*). After you stored at least one tray setup, the load and delete options for tray setups are also available (see *'Loading the Stored Tray Settings' on page 60*).

The 'Tray' section

The following figure shows an example of the 'Tray' section.



[17] The 'Tray' section

The following table describes the options in the 'Tray' section.

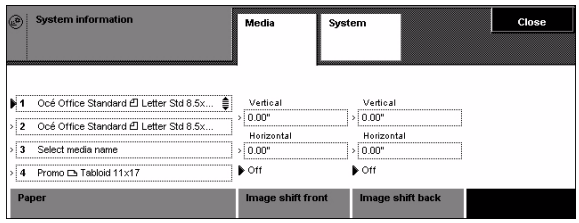
[17] Description of the 'Tray' section

Section	Description
'Tray'	When you use 'Tray management' , the system manager shows 'Tray' . You can do the following. ■ Select a media for a tray, for example when you use custom size media or oversize media. ■ Define the media type, for example special front, insert or process insert. ■ Define the image shifts. ■ Create and remove links between the paper trays.

If you use the 'Tray management' mode, you must define the contents of the trays in the 'System manager'. The 'Tray' section displays only the detected media size in the paper trays, like A4 or A3. You must define the media type.
If you use custom size media or oversize media, you must also select the media size for a tray. The paper trays have format detection, but only for the standard media A4, A3, B4, Letter, Legal and Tabloid. The slides in the paper trays detect the sizes of the media in ranges. The detected sizes are then displayed for each tray.

The 'Media' section

The following figure shows an example of the 'Media' section.



[18] The 'Media' section

The following table describes the options in the 'Media' section.

[18] Description of the 'Media' section

Section	Description
'Media'	When you use 'Media management' , the system manager shows 'Media' . You can do the following. ■ Select the media names that you defined in the 'Media catalog' in the Océ VarioPrint® 3070/3090/3110 Settings Editor. ■ Define the image shifts.

If you use the 'Media management' mode, the system takes over the list of media that you defined in the 'Media catalog' of the Océ VarioPrint® 3070/3090/3110 Settings Editor. The media parameters that you defined are also taken over. These media parameters are for example the media type and the media size.
To use the media defined in the 'Media catalog', you must select the media names in the 'Media' section of the 'System manager'.

About the 'Media catalog'

Introduction

Information for operators

The Océ VarioPrint® 3070/3090/3110 Settings Editor contains a 'Media catalog' to improve your productivity.

Definition

The 'Media catalog' is a list of all the media that your Océ VarioPrint® 3070/3090/3110 can use.
Océ filled the 'Media catalog' for you with the most used media. If you need media that are not in the 'Media catalog', you can add these media to the 'Media catalog'.
The on-line help of the Océ VarioPrint® 3070/3090/3110 Settings Editor contains more information about how to configure the 'Media catalog'.

The content of the 'Media catalog'

The 'Media catalog' can contain up to 200 different media. For each of the media, the key operator can define the following properties.

- A name, for example Océ Red Label
- The size, for example A4 or A3
- The type, which can be normal, insert, process insert or special front.

When the Océ VarioPrint® 3070/3090/3110 is in 'Media management' mode, the operator panel automatically takes over the list from the 'Media catalog'. This characteristic gives you the possibility to select the required media type for your job from a wide range of media.

Note: *When a job requires media that is not in one of the paper trays, a contradiction occurs. You must load the required media type into one of the paper trays to print your job.*

Set the paper input

Introduction

Task for key operator
Use this setting to define the 'Tray or Media management' and the 'Media catalog'.

The selection of 'Tray or Media management' changes the way in which you can define the contents and behavior of the paper trays.

[19] The paper input

When	Then
You select 'Tray management'	You must manually create the links between the paper trays that contain media with the same parameters.
You select 'Media management'	The system automatically creates the links between the paper trays that contain media with the same parameters.

Note: *Parameters are for example media size, image shift and media type.*

'Media management' uses media names to define the paper.
'Tray management' uses the tray numbers.

When you use 'Media management', you must define the media names for the supported media in the 'Media catalog'.
For all the separate media, you can enter a media name, the size and the media type. The media type can be normal, insert, process insert and special front. Special front (oriented media) indicates that the front side and the back side of a sheet are different.
After you define the media in the 'Media catalog', you can select the media name on the operator panel of the printer. You can only select the media names which have the size of the media in the paper trays.

Before you begin

Start the Océ VarioPrint® 3070/3090/3110 Settings Editor in your web browser in the key operator mode (see *'Access the Océ VarioPrint® 3070/3090/3110 Settings Editor in key operator mode' on page 34*).

How to select the 'Tray management'

1. Click 'Settings' in the title bar of the Océ VarioPrint® 3070/3090/3110 Settings Editor.
2. Click 'Paper' .
3. Click 'Printer' .
4. Click 'Tray or media management' .
5. Select 'Tray management' .
6. Click 'Apply' to apply the change.

How to select the 'Media management'

1. Click 'Settings' in the title bar of the Océ VarioPrint® 3070/3090/3110 Settings Editor.
2. Click 'Paper' .
3. Click 'Printer' .
4. Click 'Tray or media management' .
5. Select 'Media management' .
6. Click 'Apply' to apply the change.

Note: *If you switch from the 'Media management' mode to the 'Tray management' mode or do the reverse, you will see no immediate result. You must always open and then close the 'System manager' again to display the required mode. When you are in the 'System manager', close the 'System manager' first. Then open and close the 'System manager' again to display the required mode.*

Attention: If your media has a custom size or oversize instead of one of the standard media sizes, you must enter the exact length and width. Errors in the media definition of custom size media and oversize media can cause media jams and system errors.

How to define the media in the 'Media catalog'

1. Click 'Settings' in the title bar of the Océ VarioPrint® 3070/3090/3110 Settings Editor.
2. Click 'Paper'.
3. Click 'Printer'.
4. Click 'Media catalog'.
5. Click one of the following.
   - 'Add' to define a new media name
   - 'Edit' to change a media name or media property
   - 'Del' to delete a media name from the media catalog.

Note: *Media names must be unique. If you use the same name two times, the 'Media catalog' displays only the last name.*

6. Enter the following parameters of the media.
   - The name of the media
   - The size
   - The type, which can be normal, insert, process insert or special front.

7. Click 'OK' to confirm or 'Cancel' to cancel your entry.

Note: *Refer to the on-line help of the Océ VarioPrint® 3070/3090/3110 Settings Editor for more information about the media definition in the 'Media catalog'.*

Store the tray settings

Introduction

You can store the tray settings for several print jobs, for example for large print jobs that require different tray settings. This feature of the Océ VarioPrint® 3070/3090/3110 can save you a lot of time.
You can store up to 10 different tray setups, from 0 to 9.

Before you begin

Check the paper input mode (see *'Set the paper input' on page 55*).

If the paper input is set to 'Tray management', you can store the following settings.

- Media type
- Image shifts
- Tray linking.
  If the paper input is set to 'Media management', you can store the following settings.
- Media names
- Image shifts.

Note: *There are no default tray setups. You must store all the tray setups that you want to use.*
You can only use numbers to identify the tray setups.

How to store tray setups

1. Press the 'System' key at the right-hand side of the screen.
2. Press the function key 'System'.
3. Press the function key 'Tray setup' to select 'Store'.
4. Press the Start key.
   The system asks you to enter a number.
5. Use the numeric keys to enter a number from 0 to 9 that is not in use yet.
6. Press the key for 'OK' .

Note: *If you enter a number that is already in use, the system asks if you want to overwrite that setup. When you press the function key 'Yes', the system stores the new values under that number.*

Note: *If you need to upgrade your system, you can restore your saved tray setups. Refer to the on-line help of the Océ VarioPrint® 3070/3090/3110 Settings Editor for more information.*

Result

The system stores all values from 'Media' or 'Tray' under the selected number. The setup is now available in the 'Load' setting in the 'Tray setup' section.

Loading the Stored Tray Settings

Introduction

To use a stored tray setup, you must load this setup. The Océ VarioPrint® 3070/3090/3110 then sets the 'Tray' or 'Media' setting to the values stored in the selected setup.
You must first check whether the paper input is set to 'Tray management' or 'Media management' (see *'Set the paper input' on page 55*).

When the system is in 'Media management' mode, you can also load a setup that uses 'Tray management' settings. Then the Océ VarioPrint® 3070/3090/3110 only loads the settings that apply to 'Media management'. The tray-linking value, for example, is not loaded.

When the system is in 'Tray management' mode, you can also load a setup that uses 'Media management' settings. Then the Océ VarioPrint® 3070/3090/3110 only loads the settings that apply to 'Tray management'. The media name, for example, is not loaded.

Before you begin

You must store a tray setup before you can load and use the tray setup.
The settings 'Load' and 'Tray setup' displays the setup that is currently in use as read-only information. If the current values of the 'Tray' or 'Media' setting are different from the valued in all stored setups, 'None' is displayed.

How to load a stored tray setup

1. Press the 'System' key .
2. Press the function key 'System'.
3. Press the function key ' Tray setup' to select 'Load'.
4. Press the Start key .
   The system asks you to enter a number.
5. Use the numeric keys to enter a number from 0 to 9.
6. Press the key for 'OK' .

Note: *If you enter a number that is not in use yet, the system displays a message that this number is not available.*

Result

The Océ VarioPrint® 3070/3090/3110 sets the 'Tray' or 'Media' setting to the values stored in the selected setup.

About the tray-linking feature

Introduction

The Océ VarioPrint® 3070/3090/3110 can link the paper trays to improve the productivity Active and inactive links.
Tray-linking is a feature that you can use to create groups of paper trays.
Tray-linking improves the productivity.
When one of the paper trays of a linked group runs out of media, the system automatically switches to another paper tray in the linked group. Then you can refill the empty paper tray. You can add the media while the printer runs.
The number of groups depends on the configuration of your system.

[20] The number of groups per configuration

When	Then
You have a configuration with 3 paper trays	You can create 1 group of 2 or 3 paper trays.
You have a configuration with 4 paper trays	You can create 1 group of 2, 3 or 4 paper trays, or 2 groups of 2 paper trays each.

The Océ VarioPrint® 3070/3090/3110 Settings Editor offers the possibility to select 'Tray management' or 'Media management'.
The workflow is different for each type of management.

'Tray management'

When you select 'Tray management' , the system does not automatically link the paper trays that contain paper types with the same parameters. You must create the links manually. The following table describes where you can find more information about how to link the paper trays.

[21] Where to find more information about tray-linking

Action	Reference
Create 1 group of all the paper trays	(see '*Create a link between paper trays' on page 74*)
Remove a paper tray from a group	(see '*Removing a Paper Tray from the 'All trays' Group' on page 77*)
Creating Two Groups of Paper Trays	(see '*Creating Two Groups of Paper Trays' on page 80*)

'Media management'

When you select 'Media management', the system automatically links the paper trays that contain media with the same parameters (for example the same size, orientation and image shift).

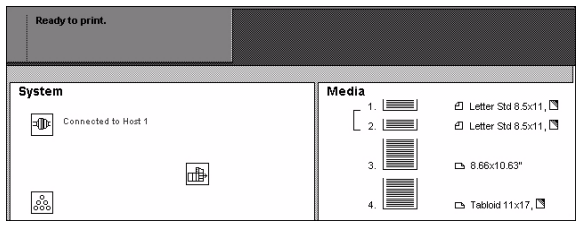
Note: *Remember that **all** parameters must be the same.*

You must use 'Media management' in combination with the 'Media catalog' in the Océ VarioPrint® 3070/3090/3110 Settings Editor.

First you must define the media names in the 'Media catalog'. Then the operator panel of the printer displays the media names that you defined.

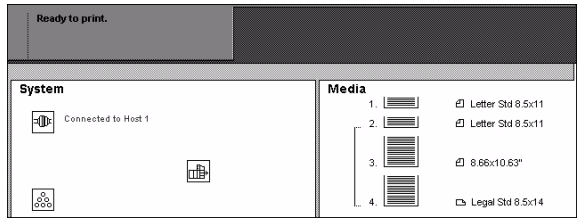
Active and inactive links

When you select 'Media management' , the system automatically links the paper trays that contain paper with the same parameters. Therefore, the operator panel only displays active links.
Straight, horizontal lines towards the paper trays indicate an active link.
The following figure shows an example of an active link.



[19] An active link

When you select 'Tray management' , you must create the links manually. You can create inactive links. An inactive link is a link between paper trays that do not contain paper with the same parameters.
Dotted, horizontal lines towards the paper trays indicate an inactive link. A link can be inactive because you linked for example paper trays that contain different paper sizes. The link becomes active after you correct the difference.
The following figure shows an example of an inactive link.



[20] An inactive link

The following table describes the states of tray-linking.

[22] Description of the states of tray-linking

State	Description
Active	The link is defined. The media in the linked paper trays have the same parameters. The link is valid. Automatic switching is possible. Straight horizontal lines towards the paper trays indicate an active link.
Inactive	The link is defined. The media in the linked paper trays do not have the same parameters. The link is not valid. Automatic switching is not possible. Dotted, horizontal lines towards the paper trays indicate an inactive link.

Define the settings for Tray management

Define the image shift

Introduction

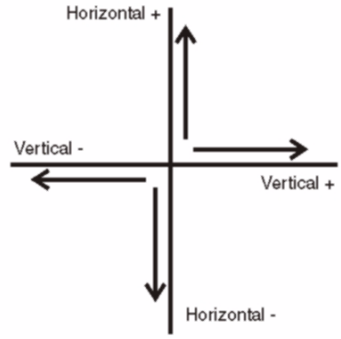
You can move the image on the front side or back side of the paper. The procedure is almost the same for 'Tray management' and 'Media management' .

Note: *Make sure that the printer is idle before you access the system manager.*

Important
When you define an image shift, you must remember the following: The imageable or printable area of the Océ VarioPrint® 3070/3090/3110, which is also called a **frame**, is different from the frame of a standard Laserjet with a standard PCL interpreter. The default image shift is also different. The frame of the Océ VarioPrint® 3070/3090/3110 is **equal to the sheet size**. The default image shift that was developed for the Océ VarioPrint® 3070/3090/3110 is 0 inch/mm, measured from the top left corner of the sheet.

The second thing to remember is the following:
- A **horizontal** shift is a shift in the **Z-direction** for the Océ VarioPrint® 3070/3090/3110
- A **vertical** shift is a shift in the **X-direction** for the Océ VarioPrint® 3070/3090/3110.

The following illustration shows how the image shift of the Océ VarioPrint® 3070/3090/3110 works. If you define a horizontal image shift, the image shifts in **vertical** direction, seen from the point of view of the operator. If you define a vertical image shift, the image shifts in **horizontal** direction, seen from the point of view of the operator.



[21] The Image Shift of the Océ VarioPrint® 3070/3090/3110

[23] The Values for the Image Shift

Metric system	Values
International	Range: -100 mm to 100 mm Steps: 0.1 mm (small) or 1 mm (large) Factory default: 0 mm
U.S.	Range: -4 inch to 4 inch Steps: 1/240 inch (small) or 1/24 inch (large) Factory default: 0.00 mm

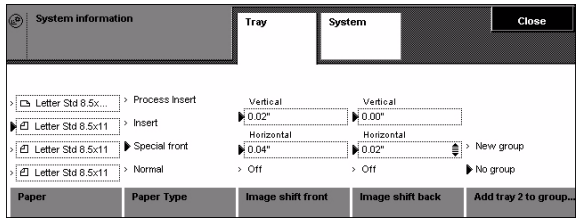
Before you begin

Use the scroll wheel to set the image shift

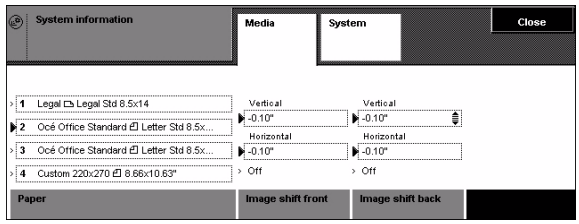
The image shift values are preset values, as explained in the table above. The scroll wheel enables you to scroll through the preset values, in small steps of 0.1 mm (1/240 inch) or large steps of 1 mm (1/240 inch).

- To use small steps, slowly turn the scroll wheel a little, in such a way that you hear one click at each turn of the wheel.
- To use large steps, turn the scroll wheel a little faster in a controlled manner, so that you hear several clicks at each turn of the wheel.

Illustration



[22] Define the image shift when you use 'Tray management'



[23] Define the image shift when you use 'Media management'

How to define the image shift

1. Press the 'System' key .
2. Press the key for 'Image shift front' one time to change the horizontal shift and two times to change the vertical shift.
3. Use the scroll wheel to change the values of the image shift.
4. Press the key for 'Image shift back' one time to change the horizontal shift and two times to change the vertical shift on the back side of the sheet.
5. Use the scroll wheel to change the values of the image shift (see above under 'Before you begin').
6. Press the 'Close' key to quit the system manager.
   The icon indicates that you defined an image shift.

Define a special front

Introduction

You can use media with different front and back sides (special front).
When you use media with a special front, for example pre-punched media, you must define the use of this media. Then the printer knows which side of the media must be printed first. The printer processes media with and without a special front differently.

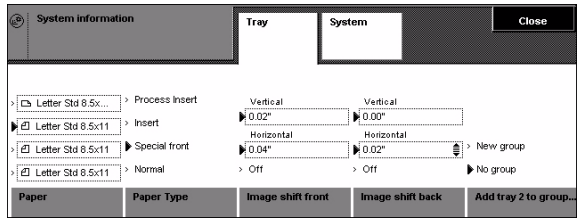
You must define a special front on the operator panel or in the Océ VarioPrint® 3070/3090/3110 Settings Editor. This depends on the method that you use to define the media, 'Tray management' or 'Media management'.

[24] Where to define a special front

When	Then
You use 'Tray management'	You must define a special front on the operator panel, as described in this section.
You use 'Media management'	You must define a special front in the Océ VarioPrint® 3070/3090/3110 Settings Editor (see '*How to define the media in the 'Media catalog'' on page 56*).

Note: *Make sure that the printer is idle before you access the 'System manager'.*

Illustration



[24] Defining a Special Front for the Operator Panel

How to define a special front on the operator panel

1. Press the 'System manager' key .
2. Press the key for 'Paper' several times to select the paper tray that contains the media with special front.
3. Press the key for 'Media type' until 'Special front' is selected.
4. Press the key for 'Close' to quit the 'System manager'.
   The icon indicates that you defined a special front.

Custom size media

Introduction

Information for operators, key operators
The Océ VarioPrint® 3070/3090/3110 allows you to use custom size media. Custom size media is used for special purposes, for example the production of advertising leaflets. The custom size media has a special size that is different from the standard, supported media sizes.

If you use custom size media, you must indicate the exact size, in length and width, in the 'Media catalog' of the Océ VarioPrint® 3070/3090/3110 Settings Editor. You must indicate these sizes in the 'Media catalog' when you use the 'Media management' mode **and** when you use the 'Tray management' mode.
This exact definition of the media size is necessary because the Océ VarioPrint® 3070/3090/3110 has no format detection for custom size media and oversize media. The Océ VarioPrint® 3070/3090/3110 has only format detection for the standard media sizes A4, A3, B4, Letter, Legal and Tabloid. You must enter the exact sizes of the custom size media and the oversize media to make sure that your information is printed in the right places and to prevent any system errors. After you finished the media definition, you must load the paper trays.

Definition

Custom size media is any media that has not one of the standard media sizes. The standard media sizes on the Océ VarioPrint® 3070/3090/3110 are A4, A3, B4, Letter, Legal and Tabloid.

- The long edge of the custom size media must be in the range from 208 mm (8.2 inches) to 457 mm (18 inches).
- The short edge must be in the range from 208 mm (8.2 inches) to 305 mm (12 inches).

Attention: Remember to be accurate when you define the custom size media in the 'Media catalog'. Errors in the definition of custom size media can cause system errors.

Note: *You must select the custom size media on the operator panel of the Océ VarioPrint® 3070/3090/3110. If all paper trays contain custom size media, the system will not run until you select the custom size media in the 'System manager' at the operator panel. A message will remind you to open the 'System manager' and select the media.*

The use of custom size media

'Tray management' mode and 'Media management' mode
First, define the custom size in the 'Media catalog' (see *'Set the paper input' on page 55*).
After you finished the media definition, load the paper trays.
After you load the paper trays, you must program the custom size media on the operator panel. The programming procedure for 'Media management' is different from the procedure for 'Tray management'.

Program the custom size media in the 'Media management' mode

Step	Action
1	Press the 'System manager' key.
2	Press the key for 'Paper' several times, until the tray in which you put the media is selected.
3	Use the scroll wheel at the right-hand side of the screen to select the media name of the custom size media.

Program the custom size media in the 'Tray management' mode

Step	Action	Remarks
1	Press the 'System manager' key.	
2	Press the key for 'Paper' several times, until the tray in which you put the media is selected.	The size of your custom size media is displayed. If you do not see the correct media size, turn the scroll wheel until you see the correct media size.
3	If necessary, indicate the media type and the image shift.	This media type can be normal, insert, process insert or special front.

Oversize media

Definition

Information for operators, key operators

Oversize media is a special type of custom size media. Oversize media is media that only fits in the paper trays if you remove the slider from the paper tray, for example A3+ or R-Ledger (see *'Load oversize media' on page 112*). You must remove this slider for all media with long edges greater than 434 mm (17.1 inches). The paper trays can hold oversize media with long edges up to 457 mm (18 inches).

Attention: You must enter the exact length and width of the oversize media in the 'Media catalog' of the Océ VarioPrint® 3070/3090/3110 Settings Editor. Errors in the media definition of oversize media can cause system errors.

The use of oversize media on the Océ VarioPrint® 3070/3090/3110

Because oversize media is a special type of custom size media, you must follow the procedure for custom size media. This procedure includes the following.

- Define the oversize media in the 'Media catalog' first.
- Load the paper tray next.
- Follow the programming procedure for custom size media in the 'Tray management' or 'Media management' mode (see *'Custom size media' on page 69*).

The concept of inserts

Introduction

Information for operators, key operators

Inserts are media that you can use for example to indicate the start of a new chapter in a report. Inserts can be blank sheets but also printed sheets or copied sheets.

The media type 'insert'
Before you can use inserts, you must define the inserts as media with the **type** of insert. You must define this media type on the operator panel of the Océ VarioPrint® 3070/3090/3110 or in the 'Media catalog' of the Océ VarioPrint® 3070/3090/3110 Settings Editor. You can select normal, insert, process insert or special front for the media type. The inserts and special front media get special icons.

Two types of insert

The Océ VarioPrint® 3070/3090/3110 can handle two types of insert.
- Inserts
- Process inserts.

Attention: Because process inserts move through the warm paper path, the process inserts can become hot. Therefore, do not use media that can react adversely to heat, for example polythene media in the warm paper path. Always define such media as inserts instead. When you have any doubts about the maximum temperature that is allowed for your media or ink, always select 'Insert' to make the media move through the cold paper path.

Attention: Do not use the prints from color printers like Océ CPSx00 in the warm paper path because these prints can damage your Océ VarioPrint® 3070/3090/3110.

The cold and warm paper path

The cold paper path is a separate paper path for media that are sensitive to heat. Media that move through the cold paper path, are not processed and not printed.
The warm paper path is the paper path that all other media take. The inserts that move through the warm paper path, are processed like all other media **but not printed**.
The warm paper path is faster than the cold paper path. If you use process inserts instead of regular inserts, you will increase the productivity of the Océ VarioPrint® 3070/3090/3110. Not all media can move through the warm paper path.

Differences between the insert types

[27] Insert characteristics

Insert type	Paper path	Media type	Processed	Printed
Inserts	Cold	Sensitive to heat	No	No
Process inserts	Warm	Heat-resistant	Yes	No

The definition of the insert types in the 'Media management' and the 'Tray management' mode

If you use the 'Media management' mode, you must define the insert type in the 'Media catalog' of the Océ VarioPrint® 3070/3090/3110 Settings Editor. You can select process insert or insert (see *'Set the paper input' on page 55*).
If you use the 'Tray management' mode, you must define the insert type in the 'System manager' on the operator panel (see *'Custom size media' on page 69*).

Note: *Consider to include a reference to the method of processing in the names of your inserts, when you define the media in the 'Media catalog' of the Océ VarioPrint® 3070/3090/3110 Settings Editor. Because the two insert types share an icon, you cannot see any difference between the two types. A reference in the name of the inserts helps to prevent confusion between the two types.*

Create a link between paper trays

Introduction

This section describes how to create a link between all the paper trays after you select 'Tray management' in the Océ VarioPrint® 3070/3090/3110 Settings Editor (see *'Set the paper input' on page 55*).
The procedure is only an example. The example assumes that all the paper trays contain paper with all the same parameters.

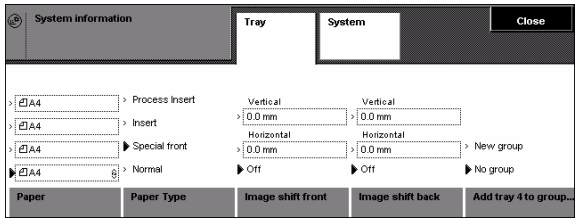
After you create one group of all the paper trays, you can manage your groups. For example, you can do the following.

- Remove a paper tray from the group 'All trays' (see *'Removing a Paper Tray from the 'All trays' Group' on page 77*).
- Create 2 groups of paper trays from the group 'All trays' (see *'Creating Two Groups from the 'All trays' Group' on page 78*).

Note: *Make sure that the printer is idle before you access the 'System manager'.*

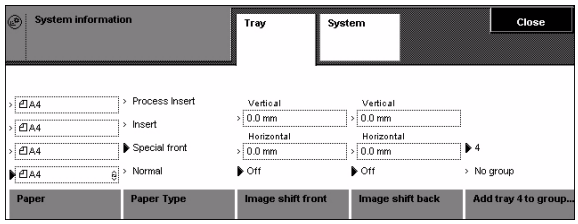
How to create one group with all the paper trays

1. Press the System manager key.
   The following screen appears.



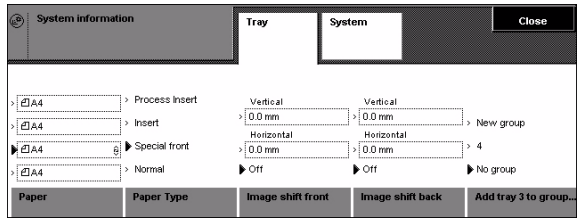
[25] Selecting Tray 4

2. Press the key for 'Paper' to select paper tray 4.
3. Press the key for 'Add tray ... to group ...' until 'New group' is selected.
   Paper tray 4 is now added to a new group. The text 'New group' changes into 4.



[26] Adding to 'New group'

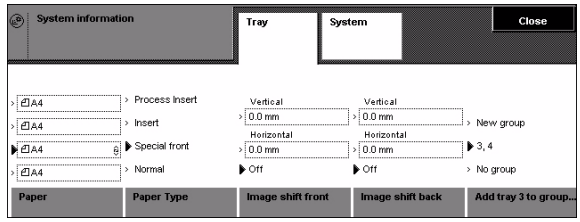
4. Press the key for 'Paper' until paper tray 3 is selected.



[27] Selecting Tray 3

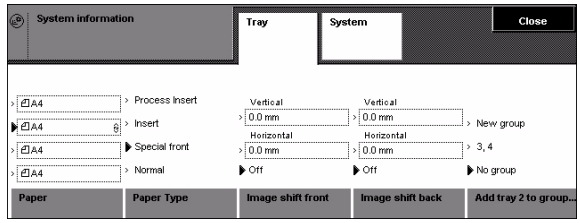
Note: *The screen displays the option 'New group' when not all the possible groups have been created yet.*

5. Press the key for 'Add tray ... to group ...' until 4 is selected.
   The indication 4 changes into 3, 4. A group is created.



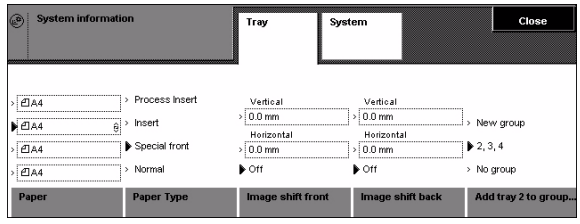
[28] Add to group 4

6. Press the key for 'Paper' until paper tray 2 is selected.



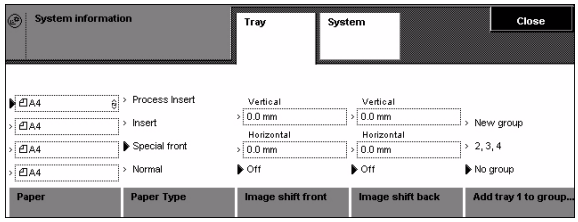
[29] Selecting Tray 2

7. Press the key for 'Add tray ... to group ...' until 3, 4 is selected.
   The indication 4, 3 changes into 2, 3, 4



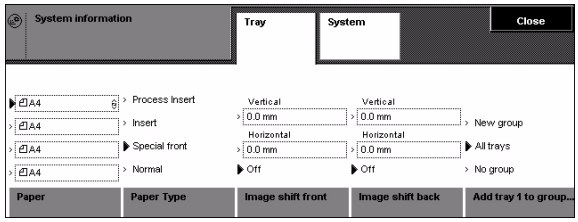
[30] Adding to Groups 3, 4

8. Press the key for 'Paper' until paper tray 1 is selected.



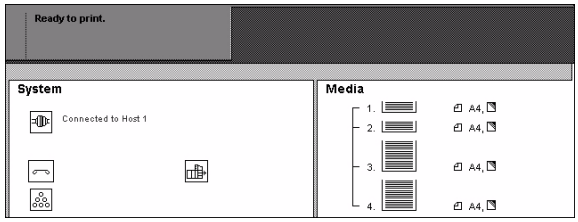
[31] Selecting Tray 1

9. Press the key for 'Add tray ... to group ...' until 2, 3, 4 is selected.
The indication 2, 3, 4 changes into the text 'All trays' .



[32] Add to group 2, 3, 4

10. Press the 'Close' key to quit the system manager.
The operator panel shows that all the paper trays are linked.



[33] All Trays Linked

Removing a Paper Tray from the 'All trays' Group

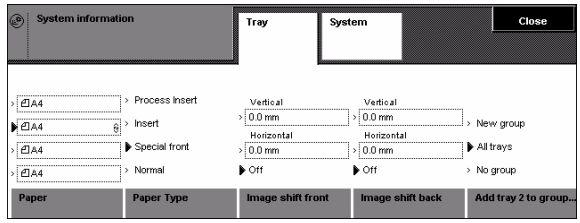
Introduction

This section describes how to remove a paper tray from a link.
The procedure is only an example. The example assumes that you want to remove paper tray 2 from the group 'All trays' (see *'Create a link between paper trays' on page 74*).

Note: *Make sure that the printer is idle before you access the system manager.*

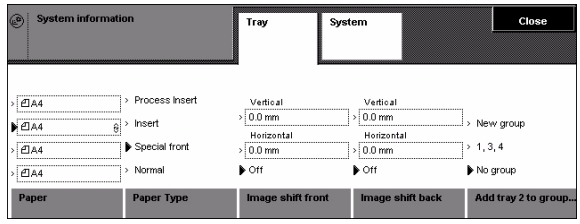
How to remove a paper tray from the group 'All trays'

1. Press the System manager key.
   The following screen appears.



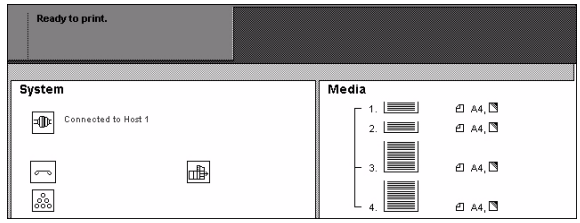
[34] Selecting Tray 2

2. Press the key for 'Paper' until paper tray 2 is selected.
3. Press the key for 'Add tray ... to group ...' until 'No group' is selected.



[35] Adding Tray 2 to 'No group'

4. Press the 'Close' key to quit the system manager.
   The operator panel shows that tray 2 is removed from the link.



[36] Tray 2 is removed from the link

Creating Two Groups from the 'All trays' Group

Introduction

This section describes how to create 2 new groups from an existing group.

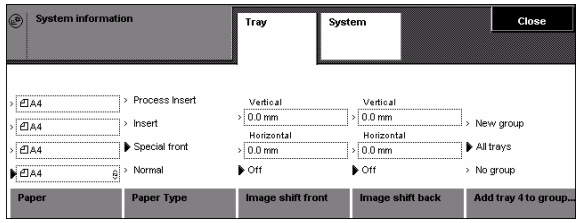
The procedure is only an example. The procedure shows how to create the following groups from the group 'All trays' (see '*Create a link between paper trays' on page 74*).

- A group that contains the paper trays 2 and 4.
- A group that contains the paper trays 1 and 3.

Note: *Make sure that the printer is idle before you access the system manager.*

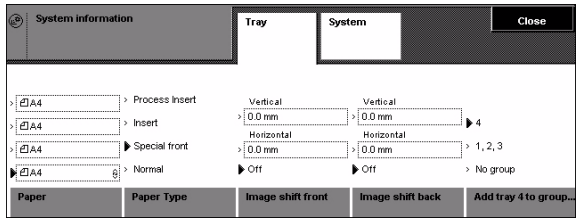
How to create 2 groups from the group 'All trays'

1. Press the System manager key.
   The following screen appears.



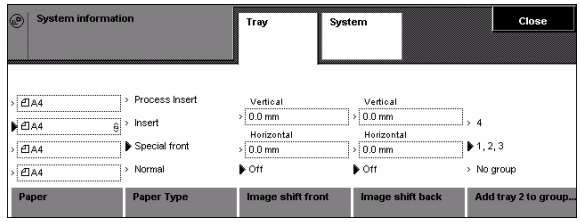
[37] Selecting Tray 4

2. Press the key for 'Paper' to select paper tray 4.
3. Press the key for 'Add tray ... to group ...' until 'New group' is selected.
   The text 'New group' changes into 4.



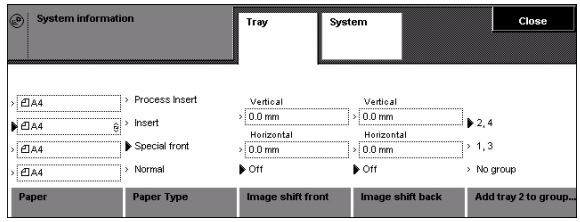
[38] Adding Tray 4 to 'New group'

4. Press the key for 'Paper' until paper tray 2 is selected.



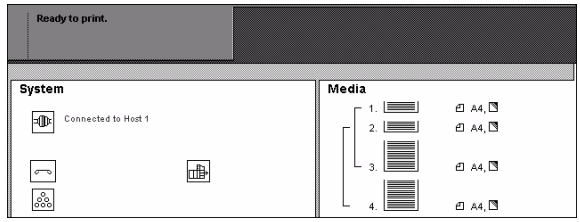
[39] Selecting Tray 2

5. Press the key for 'Add tray ... to group ...' until 4 is selected.
The indication 4 changes into 2, 4.



[40] Adding Tray 2 to Group 4

6. Press the 'Close' key to quit the system manager.
The operator panel shows that you created 2 new groups.



[41] 2 New Groups

Creating Two Groups of Paper Trays

Introduction

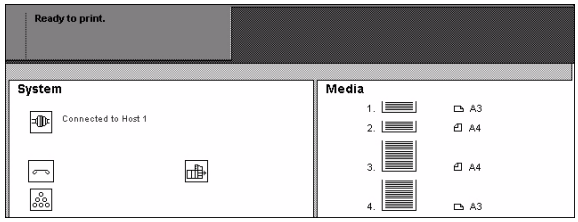
This section describes how to create 2 groups of paper trays that contain the same paper types.
The procedure is only an example. For the purposes of the example, the paper trays 1 and 4 contain A3 paper. The paper trays 2 and 3 contain A4 paper.

You can create the following active links Active and inactive links.
- A link between the paper trays 1 and 4.
- A link between the paper trays 2 and 3.

The example assumes that the paper trays are not yet linked.

Note: *Make sure that the printer is idle before you access the system manager.*

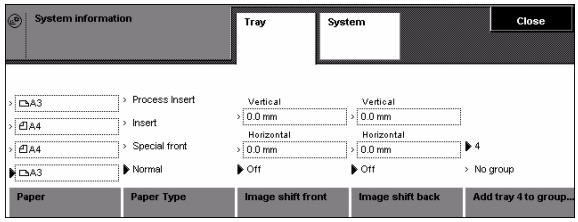
Illustration



[42] The Situation Before the Tray-linking

How to create 2 groups of paper trays

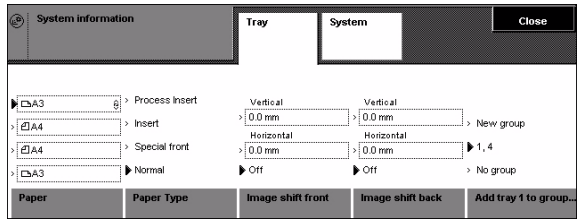
1. Press the System manager key.
2. Press the key for 'Paper' to select paper tray 4.
3. Press the key for 'Add tray ... to group ...' until 'New group' is selected.
   Paper tray 4 is now added to a new group. The text 'New group' changes into 4.



[43] Adding Tray 4 to 'New group'

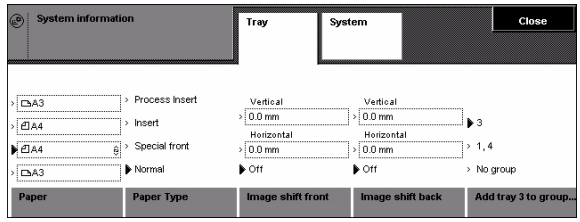
4. Press the key for 'Paper' until paper tray 1 is selected.

5. Press the key for 'Add tray ... to group ...' until 4 is selected.
   The indication 4 changes into 1, 4. The first group is created.



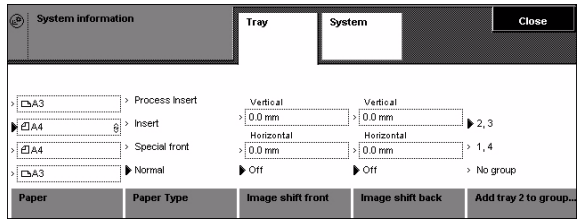
[44] Adding Tray 1 to Group 4

6. Press the key for 'Paper' until paper tray 3 is selected.
7. Press the key for 'Add tray ... to group ...' until 'New group' is selected.
   Paper tray 3 is now added to a new group. The text 'New group' changes into 3.



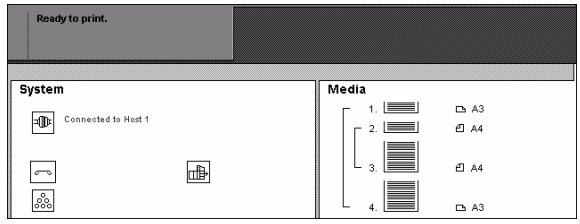
[45] Adding Tray 3 to 'New group'

8. Press the key for 'Paper' until paper tray 2 is selected.
9. Press the key for 'Add tray ... to group ...' until 3 is selected.
   The indication 3 changes into 2, 3. The second group is created.



[46] Adding Tray 2 to Group 3

10. Press the 'Close' key to quit the system manager.
    The operator panel shows the 2 linked groups.



[47] 2 Groups Were Created

Define the settings for Media management

Select a media name

Introduction

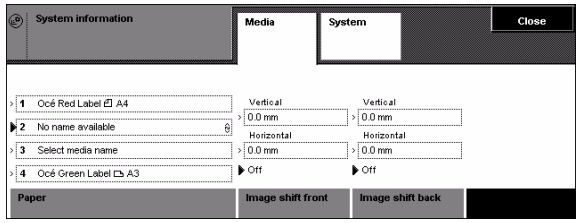
You must first define the media names in the 'Media catalog' of the Océ VarioPrint® 3070/3090/3110 Settings Editor.
The operator panel of the printer displays the media names that you defined in the Océ VarioPrint® 3070/3090/3110 Settings Editor.
When the media name does not match the content of the paper tray, the text 'Select media name' is displayed. The text 'Select media name' is also displayed when you change from 'Tray management' to 'Media management'.
When a media name is not available for the paper size that is in the paper tray, the text 'No name available' is displayed. The printer assumes that the paper does not have a special front.

You can only select a media name when you use 'Media management'.

Note: *Make sure that the printer is idle before you access the system manager.*

How to select a media name

1. Press the System manager key.
   The following screen appears.



[48] Select a media name

2. Press the key for 'Paper' to select a paper tray.
3. Turn the scroll wheel to scroll through the list of media names.
   The list shows the media that have the correct size and feed direction (short-edge feed, long-edge feed).
4. If required, define the image shift (see *'Define the image shift' on page 64*) .
5. Press the 'Close' key to quit the system manager.

Define the image shift

Introduction

You can move the image on the front side or back side of the paper. The procedure is almost the same for 'Tray management' and 'Media management' .

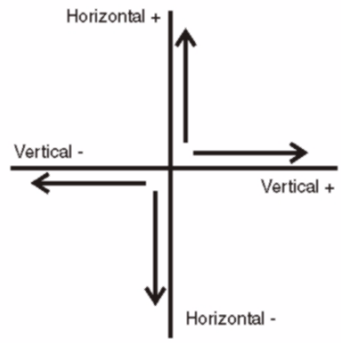
Note: *Make sure that the printer is idle before you access the system manager.*

Important
When you define an image shift, you must remember the following: The imageable or printable area of the Océ VarioPrint® 3070/3090/3110, which is also called a **frame**, is different from the frame of a standard Laserjet with a standard PCL interpreter. The default image shift is also different. The frame of the Océ VarioPrint® 3070/3090/3110 is **equal to the sheet size**. The default image shift that was developed for the Océ VarioPrint® 3070/3090/3110 is 0 inch/mm, measured from the top left corner of the sheet.

The second thing to remember is the following:

- A **horizontal** shift is a shift in the **Z-direction** for the Océ VarioPrint® 3070/3090/3110
- A **vertical** shift is a shift in the **X-direction** for the Océ VarioPrint® 3070/3090/3110.

The following illustration shows how the image shift of the Océ VarioPrint® 3070/3090/3110 works. If you define a horizontal image shift, the image shifts in **vertical** direction, seen from the point of view of the operator. If you define a vertical image shift, the image shifts in **horizontal** direction, seen from the point of view of the operator.



[49] The Image Shift of the Océ VarioPrint® 3070/3090/3110

[28] The Values for the Image Shift

Metric system	Values
International	Range: -100 mm to 100 mm Steps: 0.1 mm (small) or 1 mm (large) Factory default: 0 mm
U.S.	Range: -4 inch to 4 inch Steps: 1/240 inch (small) or 1/24 inch (large) Factory default: 0.00 mm

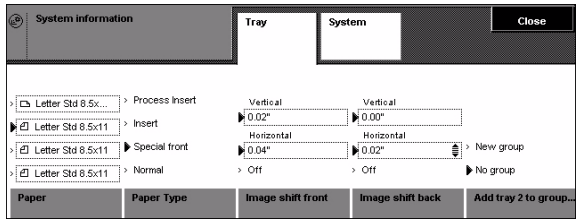
Before you begin

Use the scroll wheel to set the image shift

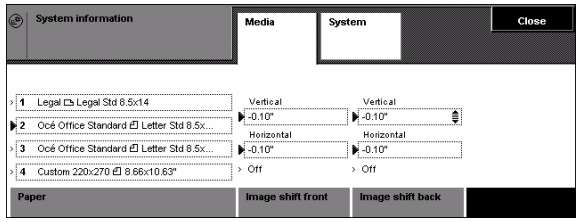
The image shift values are preset values, as explained in the table above. The scroll wheel enables you to scroll through the preset values, in small steps of 0.1 mm (1/240 inch) or large steps of 1 mm (1/240 inch).

- To use small steps, slowly turn the scroll wheel a little, in such a way that you hear one click at each turn of the wheel.
- To use large steps, turn the scroll wheel a little faster in a controlled manner, so that you hear several clicks at each turn of the wheel.

Illustration



[50] Define the image shift when you use 'Tray management'



[51] Define the image shift when you use 'Media management'

How to define the image shift

1. Press the 'System' key .
2. Press the key for 'Image shift front' one time to change the horizontal shift and two times to change the vertical shift.
3. Use the scroll wheel to change the values of the image shift.
4. Press the key for 'Image shift back' one time to change the horizontal shift and two times to change the vertical shift on the back side of the sheet.
5. Use the scroll wheel to change the values of the image shift (see above under 'Before you begin').
6. Press the 'Close' key to quit the system manager.
   The icon indicates that you defined an image shift.

Custom size media

Introduction

Information for operators, key operators
The Océ VarioPrint® 3070/3090/3110 allows you to use custom size media. Custom size media is used for special purposes, for example the production of advertising leaflets. The custom size media has a special size that is different from the standard, supported media sizes.

If you use custom size media, you must indicate the exact size, in length and width, in the 'Media catalog' of the Océ VarioPrint® 3070/3090/3110 Settings Editor. You must indicate these sizes in the 'Media catalog' when you use the 'Media management' mode **and** when you use the 'Tray management' mode.
This exact definition of the media size is necessary because the Océ VarioPrint® 3070/3090/3110 has no format detection for custom size media and oversize media. The Océ VarioPrint® 3070/3090/3110 has only format detection for the standard media sizes A4, A3, B4, Letter, Legal and Tabloid. You must enter the exact sizes of the custom size media and the oversize media to make sure that your information is printed in the right places and to prevent any system errors. After you finished the media definition, you must load the paper trays.

Definition

Custom size media is any media that has not one of the standard media sizes. The standard media sizes on the Océ VarioPrint® 3070/3090/3110 are A4, A3, B4, Letter, Legal and Tabloid.

- The long edge of the custom size media must be in the range from 208 mm (8.2 inches) to 457 mm (18 inches).
- The short edge must be in the range from 208 mm (8.2 inches) to 305 mm (12 inches).

Attention: Remember to be accurate when you define the custom size media in the 'Media catalog'. Errors in the definition of custom size media can cause system errors.

Note: *You must select the custom size media on the operator panel of the Océ VarioPrint® 3070/3090/3110. If all paper trays contain custom size media, the system will not run until you select the custom size media in the 'System manager' at the operator panel. A message will remind you to open the 'System manager' and select the media.*

The use of custom size media

'Tray management' mode and 'Media management' mode
First, define the custom size in the 'Media catalog' (see *'Set the paper input' on page 55*).
After you finished the media definition, load the paper trays.
After you load the paper trays, you must program the custom size media on the operator panel. The programming procedure for 'Media management' is different from the procedure for 'Tray management'.

Program the custom size media in the 'Media management' mode

Step	Action
1	Press the 'System manager' key.
2	Press the key for 'Paper' several times, until the tray in which you put the media is selected.
3	Use the scroll wheel at the right-hand side of the screen to select the media name of the custom size media.

Program the custom size media in the 'Tray management' mode

Step	Action	Remarks
1	Press the 'System manager' key.	
2	Press the key for 'Paper' several times, until the tray in which you put the media is selected.	The size of your custom size media is displayed. If you do not see the correct media size, turn the scroll wheel until you see the correct media size.
3	If necessary, indicate the media type and the image shift.	This media type can be normal, insert, process insert or special front.

Oversize media

Definition

Information for operators, key operators

Oversize media is a special type of custom size media. Oversize media is media that only fits in the paper trays if you remove the slider from the paper tray, for example A3+ or R-Ledger (see *'Load oversize media' on page 112*). You must remove this slider for all media with long edges greater than 434 mm (17.1 inches). The paper trays can hold oversize media with long edges up to 457 mm (18 inches).

Attention: You must enter the exact length and width of the oversize media in the 'Media catalog' of the Océ VarioPrint® 3070/3090/3110 Settings Editor. Errors in the media definition of oversize media can cause system errors.

The use of oversize media on the Océ VarioPrint® 3070/3090/3110

Because oversize media is a special type of custom size media, you must follow the procedure for custom size media. This procedure includes the following.

- Define the oversize media in the 'Media catalog' first.
- Load the paper tray next.
- Follow the programming procedure for custom size media in the 'Tray management' or 'Media management' mode (see *'Custom size media' on page 69*).

The concept of inserts

Introduction

Information for operators, key operators

Inserts are media that you can use for example to indicate the start of a new chapter in a report. Inserts can be blank sheets but also printed sheets or copied sheets.

The media type 'insert'
Before you can use inserts, you must define the inserts as media with the **type** of insert. You must define this media type on the operator panel of the Océ VarioPrint® 3070/3090/3110 or in the 'Media catalog' of the Océ VarioPrint® 3070/3090/3110 Settings Editor. You can select normal, insert, process insert or special front for the media type. The inserts and special front media get special icons.

Two types of insert

The Océ VarioPrint® 3070/3090/3110 can handle two types of insert.
- Inserts
- Process inserts.

Attention: Because process inserts move through the warm paper path, the process inserts can become hot. Therefore, do not use media that can react adversely to heat, for example polythene media in the warm paper path. Always define such media as inserts instead. When you have any doubts about the maximum temperature that is allowed for your media or ink, always select 'Insert' to make the media move through the cold paper path.

Attention: Do not use the prints from color printers like Océ CPSx00 in the warm paper path because these prints can damage your Océ VarioPrint® 3070/3090/3110.

The cold and warm paper path

The cold paper path is a separate paper path for media that are sensitive to heat. Media that move through the cold paper path, are not processed and not printed. The warm paper path is the paper path that all other media take. The inserts that move through the warm paper path, are processed like all other media **but not printed**.
The warm paper path is faster than the cold paper path. If you use process inserts instead of regular inserts, you will increase the productivity of the Océ VarioPrint® 3070/3090/3110. Not all media can move through the warm paper path.

Differences between the insert types

[31] Insert characteristics

Insert type	Paper path	Media type	Processed	Printed
Inserts	Cold	Sensitive to heat	No	No
Process inserts	Warm	Heat-resistant	Yes	No

The definition of the insert types in the 'Media management' and the 'Tray management' mode

If you use the 'Media management' mode, you must define the insert type in the 'Media catalog' of the Océ VarioPrint® 3070/3090/3110 Settings Editor. You can select process insert or insert (see *'Set the paper input' on page 55*).
If you use the 'Tray management' mode, you must define the insert type in the 'System manager' on the operator panel (see *'Custom size media' on page 69*).

Note: *Consider to include a reference to the method of processing in the names of your inserts, when you define the media in the 'Media catalog' of the Océ VarioPrint® 3070/3090/3110 Settings Editor. Because the two insert types share an icon, you cannot see any difference between the two types. A reference in the name of the inserts helps to prevent confusion between the two types.*

Chapter 7
Print to the Océ VarioPrint® 3070/3090/3110

Possible server platforms

Introduction

The transaction printing market uses various platforms for the print jobs. The Océ VarioPrint® 3070/3090/3110 can handle print jobs from a large number of platforms. The following table shows an overview of the possible configurations.
Refer to the manuals of the applications for more information about how to prepare and send a print job.

The print configurations on the Océ VarioPrint® 3070/3090/3110

[32] Possible configurations

Server family	Server - Platform	Input - Mode
IBM	■ PSF - OS/390 ■ SPS-APA - OS/390	■ AFP, Line - IPDS ■ AFP, Line - IPDS
Siemens	■ SPS-APA - BS2000	■ AFP, Line - IPDS
Océ PRISMAproduction	■ PRISMAproduction - Linux ■ PRISMA+LCDS - Linux ■ PRISMA+POD - Linux	■ AFP, Line - IPDS ■ LCDS - SNIPDS ■ PCL - SNIPDS PS - SNIPDS PDF - SNIPDS TIFF - SNIPDS
Océ PRISMAoffice	■ PRISMAoffice - Windows NT	■ n.a. - PCL
Océ PRISMAsatellite	■ PRISMAsatellite - Windows 2000	■ Office - PCL ■ Legacy - PCL ■ SAP - PCL
Océ GPD file	■ Windows 2000 ■ Windows XP	■ n.a. - PCL

The Océ VarioPrint® 3070/3090/3110 GPD file

Introduction

A Generic Printer Description (GPD) file is a text-based file used to describe a printer for printing from the Microsoft Windows 2000 and Windows XP operating systems using the Universal Printer Driver.
The GPD file contains information about the printer features that the Universal Printer Driver will present in the user interface to allow the user to configure the printer. A GPD file also contains the printer commands and attributes that enable Unidrv to generate the correct printer-ready output data when the user prints from a Windows-based application.
You can use the GPD file for direct PCL printing.

The following table gives a short overview of the main features of the Océ VarioPrint® 3070/3090/3110 GPD file.

Note: *The GPD file is not used much in the transfer of data to the Océ VarioPrint® 3070/3090/3110. Most data are sent to the Océ VarioPrint® 3070/3090/3110 through servers.*

The main features of the Océ VarioPrint® 3070/3090/3110 GPD file

[33] The Main Features of the Océ VarioPrint® 3070/3090/3110 GPD File (1 – 2)

Tab	Main features
General	Overview of the fixed values: Double-sided Staple Speed Maximum resolution
Device Settings	Form to Tray Assignment Font Substitution Table External Fonts Default number of trays Option to install an OEM finisher

[33] The Main Features of the Océ VarioPrint® 3070/3090/3110 GPD File (2 – 2)

Tab	Main features
Printing Preferences	Orientation Print on Both Sides Paper source
Printing Preferences - Advanced	Paper size True Type Font Graphics mode. The default modes are raster and HP-GL/2 Halftoning, which is the number of lines per inch Print Optimizations Staple Output tray Jogging

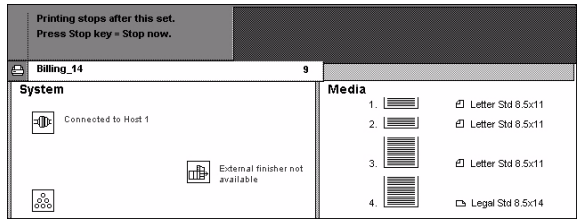
Pause a print job

Introduction

You can pause a print job during the run. For example to access the system manager or check the output.

How to pause a print job

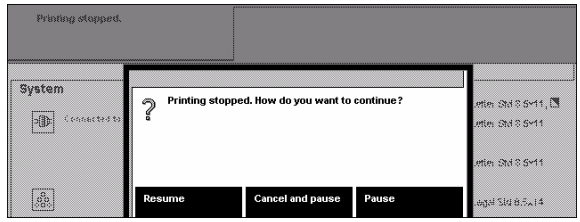
1. Press the Stop key on the operator panel one time.
   The message area (see *'The information in the message area' on page 43*) displays the following message.



[52] Stop after this set

   The printer pauses the print job after the current set. Continue with step 2 if you want to pause the printing after the current page. Then the printing stops sooner.

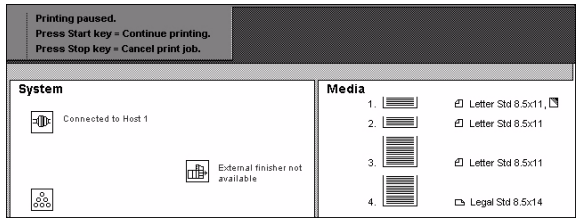
2. Press the Stop key for the second time.
   The printer now prints the current page. After the current page is ready, the following dialog box appears.



[53] Printing stopped

Note: *When you have a large print job, it can take a while before the printer stops.*

3. Press the key for 'Pause' .
   The following message appears in the message area.



[54] Printing paused

You can now access the system manager or check the prints.

4. Press the Start key ◇ to continue the printing.

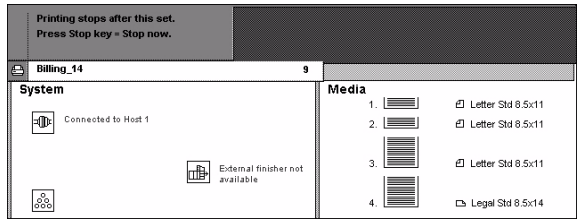
Resume a print job

Introduction

You can stop a print job and then resume the job.

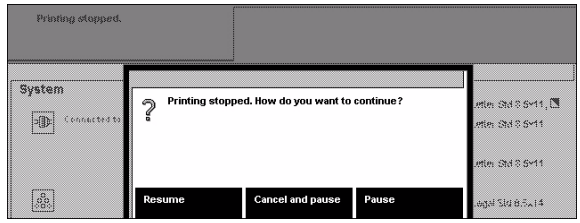
How to stop and resume a print job

1. Press the Stop key on the operator panel one time.
   The message area (see *'The information in the message area' on page 43*) displays the following message.



[55] Stop after this set

   The printer stops the print job after the current set. Continue with step 2 if you want to stop the printing after the current page. Then the printing stops sooner.
2. Press the Stop key for the second time.
3. The printer now prints the current page. After the current page is ready, the following dialog box appears.



[56] Printing stopped

Note: *When you have a large print job, it can take a while before the printer stops.*

4. Press the key for 'Resume' .

Result

The printer resumes the print job.

Stop a print job and clear the buffer

Introduction

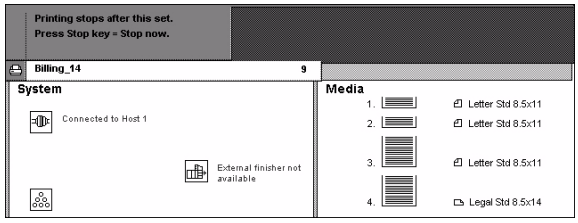
You can stop and clear a print job during the run. For example to finish an incorrect print job or to clear the buffer of the printer.

Note: *Remember the following when you stop a print job. When your active PDL is IPDS, the job is stopped and the server does not send any more data. After you enable the printing again, the Océ VarioPrint® 3070/3090/3110 prints the next job correctly.*
When your active PDL is PCL, the situation can occur that the server continues to send the data. Those data are not printed, but disappear completely. Then you must disconnect the server first and then connect the server again. After you connect the server, you must send the data again.

Note: *The procedure below describes how to stop a print job on the printer. You can also stop a print job on the server, but then the printer continues to process all the sent data. The job can take a long time to stop. If you stop the job on the printer, the job can stop immediately.*

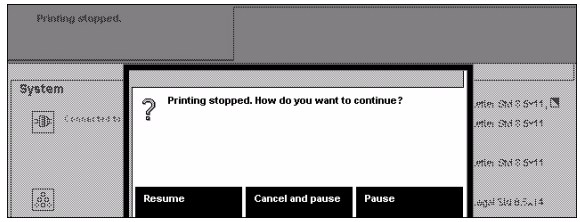
How to stop a print job and clear the buffer

1. Press the Stop key on the operator panel one time.
   The message area (see *'The information in the message area' on page 43*) displays the following message.



   [57] Stop after this set

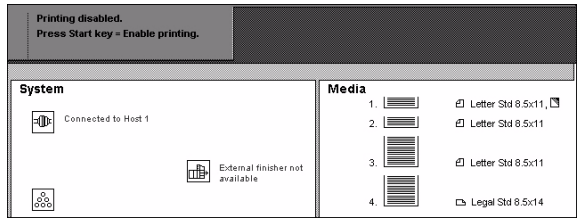
   The printer stops the print job after the current set. Continue with step 2 if you want to stop the printing after the current page. Then the printing stops sooner.
2. Press the Stop key for the second time.
   The printer now prints the current page. After the current page is ready, the following dialog box appears.



[58] Printing stopped

Note: *When you have a large print job, it can take a while before the printer stops.*

3. Press the key for 'Cancel and pause'.
   The Océ VarioPrint® 3070/3090/3110 now clears the current print job from the printer memory. The following message appears in the message area.



[59] Printing disabled

4. If necessary, stop the current print job on your server or mainframe.

Note: *Press the Start key* ◇ *on the operator panel when you send a new print job.*

Chapter 8
Add the supplies

Add the toner

Introduction

The following table describes the toner statuses.

[34] Description of the Toner Statuses

When the operator panel shows	Then
	The toner level is OK.
'Refill toner'	The toner level is low. Add the toner as soon as possible.
'Refill toner'	The toner reservoir is empty. The operator panel also shows the message “Out of toner. Refill toner and confirm the refill in the System manager.“ Add the toner now.

Attention: Only add the toner if the Océ VarioPrint® 3070/3090/3110 asks you to add the toner. Only use Océ F3/F11 toner.

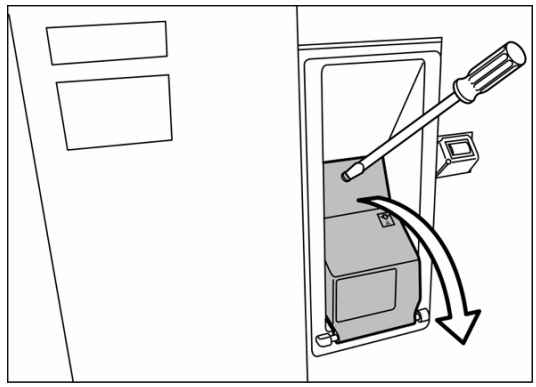
Attention: The Océ VarioPrint® 3070/3090/3110 must be switched on to add the toner.

Attention: If you spill toner, refer to the Safety data sheets in the Safety manual for information about the removal and cleaning.

Note: *Remember to confirm the refill in the System manager each time you refill toner.*

How to access the toner reservoir

1. Open the left front door of the Océ VarioPrint® 3070/3090/3110.



[60] Opening the Front Door

2. Turn the screw of the toner reservoir counter-clockwise with a screwdriver or coin to open the reservoir.
3. Pull the cover of the toner reservoir towards you.
4. Remove the cover of the toner reservoir.

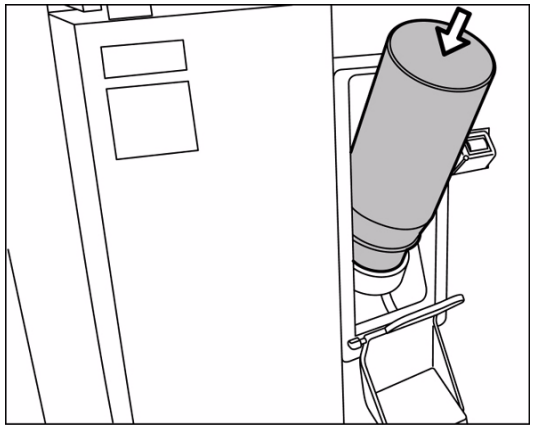
Attention: Do not add more than 2 bottles of toner at a time. Shake the toner bottles well before you add the toner.

How to add the toner

1. Shake the toner bottle well (see the instructions on the bottle).
2. Remove the screw cap from the bottle.

Note: *Do not remove the seal from the bottle.*

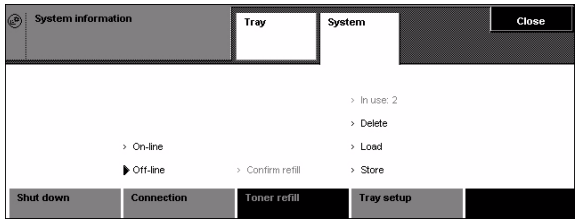
3. Push the toner bottle into the toner reservoir.



[61] Push the bottle into the reservoir

Note: *You can not rotate the bottle when the bottle is in the toner reservoir. Check the ridge to put the bottle into the correct position.*

4. Remove the bottle when empty. Be careful, do not spill toner.
5. Put the cap back on the empty toner bottle.
6. Close the cover of the toner reservoir.
7. Close the left front door.
8. Press the System manager key on the operator panel.
9. Press the key for 'System' .
10. Press the key for 'Toner refill' to select 'Confirm refill' .



[62] Confirm the toner refill

11. Press the key for 'Close' .

Add the staples

Introduction

The finisher module has 2 on-line staplers and 1 optional off-line stapler. Each stapler can staple a maximum of 80 sheets or a paper stack of up to 8.25 mm (defined with Océ Red Label 80 g/m^2 paper).

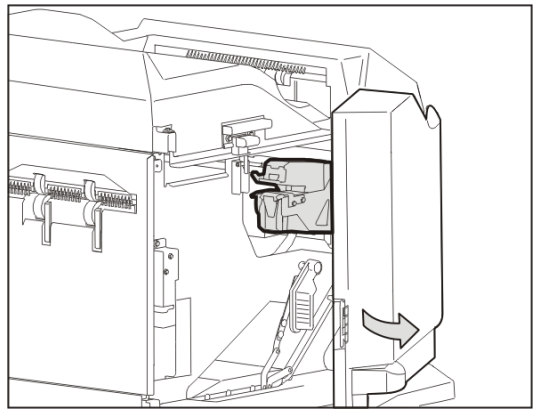
When a stapler runs out of staples, the operator panel shows the icon. The operator panel also indicates which stapler is empty, for example “Stapler 1 empty“ .

If the stapler runs empty when you start a job or during a job, a warning message appears. When a job stops because of a lack of staples, you can do the following.

- Refill the staplers.
- Cancel the job.
- Continue the job without staples.

Note: *Only use staples of type S3.*

Illustration



[63] Location of the on-line staplers

How to access the staplers 1 and 2

1. Open the front door of the finisher.
2. Open the top cover of the finisher.
3. Check that the staplers are aligned correctly.

Note: *The staplers must be extended to the maximum position. If the staplers are not in the correct position, stapler 1 is not accessible.*

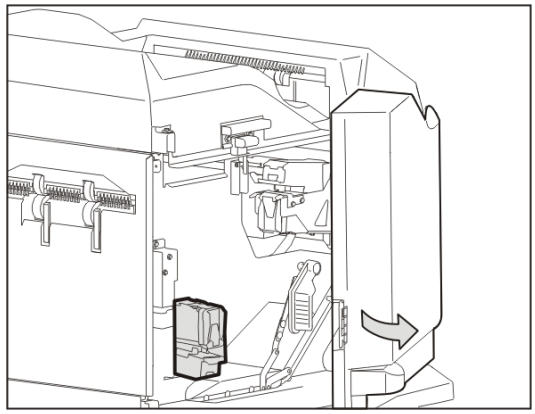
4. Close the top cover of the finisher if the staplers are not in the correct position.
5. Pull stapler 2 toward you until the stapler cannot go any further.
6. Open the top cover of the finisher again.

Note: *Stapler 1 is accessible when the stapler cartridge is tilted upward.*

Attention: When you open the front door and the top cover of the finisher, look if the jaws of the staplers are open. If the jaws are not (completely) open, you must close the top cover and the front door of the finisher and wait 15 seconds. The Océ VarioPrint® 3070/3090/3110 opens the jaws of the staplers. Now you can remove the stapler cartridge.

Attention: Do not remove the stapler cartridge if the jaws are (partly) closed. If you did remove the stapler cartridge when the jaws were open, save the stapler cartridge. The service technician repairs the stapler cartridge at the next service visit.

Illustration



[64] Location of the off-line stapler

How to access stapler 3 (off-line stapler)

1. Open the front door of the finisher.
2. The stapler cartridge is found in the lower left-hand corner of the finisher.

Note: *The correct position of the off-line stapler cartridge is upside down.*

How to add the staples

1. Push against the upper part of the stapler cartridge.
2. In the same movement, lift the lower part of the stapler cartridge and pull the stapler cartridge toward you.
3. Remove the stapler cartridge from the stapler.
4. Remove the loose staples if necessary.

Note: *Make sure not to drop any staples in the finisher.*

5. Take a new cartridge.
6. Remove the packing material.
7. Slide the stapler cartridge into the stapler.
8. Press until the stapler cartridge clicks into place.

Note: *If the new stapler cartridge does not fit, put back the old stapler cartridge and call service.*

9. Close the top cover of the finisher.
10. Close the front door of the finisher.

Load the paper trays

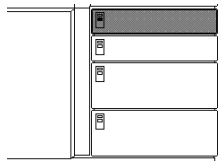
Introduction

The Océ VarioPrint® 3070/3090/3110 has 3 or 4 front loading paper trays. All the paper trays can handle the same variety of print materials (see *'Materials that can be used' on page 124*). You can add media to the paper trays during a print run. The icons on the operator panel indicate the status of the paper trays (see *'The information in the 'Media' section' on page 46*).
You can also link paper trays that contain media with the same parameters (see *'About the tray-linking feature' on page 61*). When you link trays, these trays are used as one single, big tray. When the first paper tray is empty, the Océ VarioPrint® 3070/3090/3110 switches to the second indicated paper tray.
The workflow for the definition of this tray-linking feature depends on whether you selected 'Tray management' or 'Media management' in the Océ VarioPrint® 3070/3090/3110 Settings Editor (see *'Set the paper input' on page 55*).

You can check the status of the paper trays on the operator panel. The horizontal lines in the paper tray icon indicate the amount of media in the paper tray. You can also check the LEDs on the paper trays to see which paper tray is empty. The LED on a paper tray is off when the paper tray is full. When a paper tray runs empty, the LED blinks.

How to load the paper in the paper tray

1. Press the button on the front side of the paper tray to open the paper tray.



[65] Open the paper tray

The LED of the paper tray blinks rapidly while the plate inside moves down.

2. Wait until the paper tray opens.
3. Take the paper from the pack.
4. Hold each pack of paper at the two short sides.
5. Bend the pack.
6. Put the paper into the paper tray.

Note: *Always load paper with a special front (oriented paper) face down.*

7. Adjust the paper guides.
   Based on the position of the paper guides, the Océ VarioPrint® 3070/3090/3110 can identify the paper size.
8. Close the paper tray.

Note: *Remember to select the media name on the operator panel when you use 'Media management'* .

Load custom size media

Introduction

Task for operators, key operators

When you use custom size media and oversize media, you must pay attention to some things. The Océ VarioPrint® 3070/3090/3110 has format detection, but only for **standard sizes**. These sizes are A4, A3, Letter, Legal, Tabloid and B4. The Océ VarioPrint® 3070/3090/3110 detects the size of the media in the paper trays in ranges.
The Océ VarioPrint® 3070/3090/3110 is not able to detect the exact sizes of custom size media. Therefore, you must enter the exact width and length of your custom size media.

Before you begin

Before you can load the paper trays, you must define the custom size media in the **'Media catalog'**. The 'Media catalog' is the place where you must enter the exact sizes of your custom size media.
The 'Media catalog' is a list that contains all media that the Océ VarioPrint® 3070/3090/3110 can use. Normally, you use this list only when the Océ VarioPrint® 3070/3090/3110 is set to the 'Media management' mode. However, if you use custom size media and oversize media, you must define the media in the 'Media catalog' for both the 'Media management' **and** the 'Tray management' mode (see *'Set the paper input' on page 55*).

Attention: Take care when you use custom size media and oversize media. Indicate the **exact sizes** for your custom size media. If the media programmed for a paper tray does not match the actual size and orientation in the paper trays, the Océ VarioPrint® 3070/3090/3110 cannot always detect the mismatch. A system error can be the result.

The procedure to use custom size media in the 'Tray management' mode

1. Put the custom size media into a paper tray.
   The next step is to program the Océ VarioPrint® 3070/3090/3110 for the use of the custom size media.
2. Press the System manager key.
3. Press the 'Paper' function key repeatedly to select the paper tray in which you put the media.
4. Select the media.
   The media **sizes** are shown because the Océ VarioPrint® 3070/3090/3110 is set to the 'Tray management' mode. If you do not see the required size, turn the scroll wheel to display your custom size media.
5. Indicate the media type and, if necessary, the image shifts for the front and back sides.
   The media type can be special front media, normal media, insert and process insert.
6. Press the 'Close' function key.
   The custom size media is ready for use.

The procedure to use custom size media in the 'Media management' mode

1. Put the custom size media into a paper tray.
   The next step is to program the Océ VarioPrint® 3070/3090/3110 for the use of the custom size media.
2. Press the System manager key
3. Press the 'Paper' function key repeatedly to select the paper tray in which you put the media.
   The media **names** are shown because the Océ VarioPrint® 3070/3090/3110 is set to the 'Media management' mode.
4. Turn the scroll wheel to select the custom size media from the list.
   The media parameters for the selected media name are imported from the 'Media catalog'. You do not need to set the parameters separately at the operator panel.
5. Press the 'Close' function key.
   The custom size media is ready for use.

Load oversize media

Introduction

Task for operators, key operators

All the paper trays of the Océ VarioPrint® 3070/3090/3110 can process oversize media. Oversize media is media that only fits in the paper trays if you remove the slide from the paper tray. Oversize media is a special type of custom size media, for example A3+ or R-Ledger. This procedure describes the steps that are required to use oversize media.

1. Enter the oversize media in the 'Media catalog'(see *'Load custom size media' on page 110*).
2. Remove the slide inside the paper tray.
3. Load the oversize media.
4. Program the Océ VarioPrint® 3070/3090/3110 for the use of the oversize media.

Note: *The programming procedure of step 4 depends on the mode that you use for the Océ VarioPrint® 3070/3090/3110. This mode can be the 'Tray management' mode or the 'Media management' mode (see 'Set the paper input' on page 55). The programming procedure for oversize media and custom size media are the same, because oversize media is a special type of custom size media.*

Before you begin

Make sure that the paper tray is empty.

Note: *If you have problems putting the media into the paper tray, you can switch the corner pieces at the right-hand side of the paper tray. There are two corner pieces, one at the lower right-hand side of the paper tray and one at the upper right-hand side. The lower right-hand corner piece has one higher side, which can cause problems when you load some media. Put the corner piece of the lower right-hand side at the upper right-hand side and vice versa.*

How to remove the slider inside the paper tray

1. Open the paper tray.
2. Loosen the screws of the slider.
3. Pinch the green slider handle.
4. Remove the slider with a sideward and upward move.
   You can now put the oversize media into the paper tray.

Note: *You can store the sliders inside the printer. When you open the front doors, you can see the storage location at the lower right-hand side of the printer. You can mount the sliders to the back cover of the printer.*

How to program the Océ VarioPrint® 3070/3090/3110 to use the oversize media

1. If you use the 'Tray management' mode, follow the procedure for the use of custom size media in 'Tray management' mode (see *'Load custom size media' on page 110*).
   If you use the 'Media management' mode, follow the procedure for the use of custom size media in the 'Media management' mode.

Chapter 9
Error handling

Handle errors on the Océ VarioPrint® 3070/3090/3110

Introduction

If an error occurs, the Océ VarioPrint® 3070/3090/3110 stops.

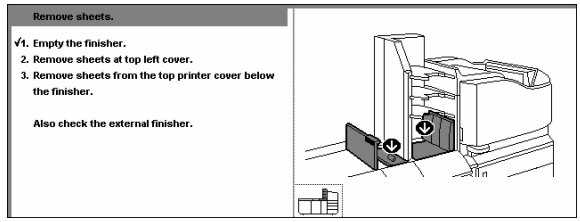
There are three types of errors that can occur on the Océ VarioPrint® 3070/3090/3110.

- **ORE** (operator recoverable error)
  You must correct the error, for example a paper jam, before the printing can continue. After you correct the error, the Océ VarioPrint® 3070/3090/3110 will automatically continue with the active job unless you must do an additional activity. The system remains on stand-by.
- **MRE** (machine recoverable error)
  The operator panel displays a message that an MRE has occurred. After this message the system goes to sleep mode. You only need to turn on the system again. Follow the instructions on the screen.
- **PE** (permanent error)
  If the system has a permanent error, the Océ VarioPrint® 3070/3090/3110 stops. An error screen indicates that service is required. Only an Océ service technician can correct the error and remove the message.

The error screen

Screen messages or error screens A message shows you which areas you must inspect to find the error. A picture shows you how to correct the error. After you correct the error, the error screen disappears and the Océ VarioPrint® 3070/3090/3110 starts to process.
The error screen of an ORE is divided into two sections, a left-hand pane and a right-hand pane.
The right-hand pane shows the part of the Océ VarioPrint® 3070/3090/3110 where the error occurred. The screen gives you instructions for the area that you must inspect. If necessary, open doors or covers to access these areas.
The left-hand pane describes all the actions to take. The Océ VarioPrint® 3070/3090/3110 traces your actions and marks the steps on the screen. After you have checked all the indicated areas and after you have corrected the error, the error screen disappears.

Illustration


Remove sheets.
√1. Empty the finisher.
2. Remove sheets at top left cover.
3. Remove sheets from the top printer cover below the finisher.
Also check the external finisher.

[66] Example of an Error Screen

How to handle errors

1. Read the message on the operator panel.
   You are asked to wait for more instructions.
   If possible, the sheets in the paper path are flushed. Error sheets go to the upper output.
2. Follow the instructions on the operator panel.

Note: *Follow the steps in the same order as displayed on the operator panel. The system keeps track of the actions and recovers from this error.*

About Paper Jams

Introduction

The media normally move through the Océ VarioPrint® 3070/3090/3110 without any problems. A sheet that gets stuck can cause a paper jam.
If there is a paper jam, the operator panel displays an error message. The operator panel gives you an instruction to clear the error. The graphics on the screen indicate in which part of the Océ VarioPrint® 3070/3090/3110 the paper is jammed.

The operator panel guides you through a sequence of steps to correct the problem. If a paper jam occurs in more than one location, the operator panel continues to provide instructions until all the paper jams are solved.
When the error is cleared, the display will give you instructions to continue the job so that all the prints are correctly moved into the finisher or system output.

The green labels on several of the handles, covers or other parts of the Océ VarioPrint® 3070/3090/3110 indicate the parts described in the instructions on the operator panel. Lift, press or open these parts to solve the paper jam.
For example, the operator panel instructs you to open cover C1. A picture on the screen shows the exact location of cover C1 behind the open right-hand door. If you open the door, you find a cover with a green label 'C1' at the indicated position.

Note: *Follow the instructions on the operator panel in the correct order.*

Attention: Do **not** remove any sheets from the internal gathering station. All sheets in the internal gathering station are delivered to the output destination when the printing starts again.

Possible locations of the paper jams

[35] Possible Locations of Paper Jams

Location	Description
Paper trays	Open the paper trays if the LED blinks rapidly, and check for paper jams.
Paper input module	■ Open the front doors of the Océ VarioPrint® 3070/3090/3110. ■ Check the four paper path covers marked with the labels C1-C4. **Note:** *You can only open cover C2 when C1 is closed.*
Paper path	Open the front doors of the Océ VarioPrint® 3070/3090/3110 to access the areas marked with the labels A1 and B1-B3. **Note:** *A small lamp switches on when the paper path cover A1 is opened. The lamp improves the visibility of area A.*
Finisher	There are 3 global areas in the finisher that you must check for paper jams. ■ Open the top covers on the left-hand side of the copy receiving unit and below the output trays. ■ Open the front door of the finisher to access the covers marked with the labels D1-D2. Also check the internal error tray. ■ Open the front door and the top cover to access the paper path covers marked with the labels E1-E3. **Note:** *Remove any paper from the upper output when you open the top cover of the finisher.*
Upper output	Check the upper output for paper jams.

About the staple jams

Introduction

All the staplers have a maximum capacity of 80 sheets of paper or sets not thicker than 8.25 mm (defined with Océ Red Label 80 g/m^2 paper). When a staple error occurs, the operator panel shows a message.
Follow the instructions on the operator panel to correct the error.

General information

When a stapler error occurs, replace the stapler cartridge (see *'Add the staples' on page 105*).

Remove any loose staples. Make sure that the staples do not fall into the Océ VarioPrint® 3070/3090/3110. Keep the stapler cartridge which caused the problems. Give the stapler cartridge to the Océ service technician.

Note: *After you correct the error, it is possible that the stapler does not staple the next two or three sets.*

Appendix A
Overview and tables

Product specifications

Main specifications

[36] Main specifications

Part	Specification
Process	Paper Logic for reliable productivity through constant feed of materials from the paper trays. Bin Logic for intelligent use of the flexible output trays.
Print speed	Océ VarioPrint® 3070: 70 images A4/minute (simplex and duplex) Océ VarioPrint® 3090: 85 images A4/minute (simplex and duplex) Océ VarioPrint® 3110: 105 images A4/minute (simplex and duplex)
Resolution	600 dpi 240 dpi and 300 dpi data stream acceptance
Warm-up time	< 14 minutes
Auto-detectable sizes in the paper trays	A4 LEF A4 SEF A3 SEF B4 SEF Letter 8.5 x 11 LEF Letter 8.5 x 11 SEF Legal 8.5 x 14 SEF Tabloid 11 x 17 SEF
Network connection	Switchable 10/100 Mbit/s Ethernet TCP/IP interface
Host/server support	IPDS, for example through IBM (PSF/VSE, PSF/VM, OS/390) and Siemens (BS2000) Océ PRISMAproduction Océ PRISMAsatellite Océ PRISMAoffice Back channel support for all host environments
PDL support	IPDS PCL5e (SRA Version 3)
Registration accuracy	Active registration module for accurate paper positioning < 0.5 mm
Toner	F3/F11

[37] Extra specifications

Part	Specification
Non-standard sizes in the paper trays	Custom size media with a short edge of 208-305 mm (8.2"-12") and a long edge of 208-457 mm (8.2"-18")
The dual paper tray: supported sizes	■ Letter-standard ■ Letter 8.5 x 11 **Note:** *A dual paper tray is configured for one size of these paper sizes. You cannot switch between the paper sizes.*
Capacity of the dual paper tray	Left-hand stack: 1800 sheets of 80 g/m^2 (20 lb. bond) Right-hand stack:1600 sheets of 80 g/m^2 (20 lb. bond)

Materials that can be used

Introduction

The Océ VarioPrint® 3070/3090/3110 has 3 or 4 paper trays that you can refill during a print job. The number of trays depends on your configuration. The paper trays have automatic size detection, but not for custom size media and oversize media. You must reload the paper one tray at a time. The paper trays open to the front side. All the trays can handle a variety of materials. The following tables describe the paper sizes and the tray capacities for the paper trays.

Overview of a configuration with 3 paper trays

[38] The capacity of the 3 paper trays

Paper tray	Paper sizes	Tray capacity
1, 2, 3	A4 A3 B4 Letter-standard 8.5x11 Legal 8.5x14 Tabloid 11x17 Custom size media with a short edge of 208-305 mm (8.2"-12") and a long edge of 208-457 mm (8.2"-18")	1,700 sheets of 80 g/m^2 (20 lb. bond) per tray

Overview of a configuration with 4 paper trays

[39] The capacity of the 4 paper trays

Paper tray	Paper sizes	Tray capacity
1, 2	A4 A3 B4 Letter-standard 8.5x11 Legal 8.5x14 Tabloid 11x17 Custom size media with a short edge of 208-305 mm (8.2"-12") and a long edge of 208-457 mm (8.2"-18")	600 sheets of 80 g/m^2 (20 lb. bond) per tray
3, 4	A4 A3 B4 Letter-standard 8.5x11 Legal 8.5x14 Tabloid 11x17 Custom size media with a short edge of 208-305 mm (8.2"-12") and a long edge of 208-457 mm (8.2"-18")	1,700 sheets of 80 g/m^2 (20 lb. bond) per tray

Recommendations for the materials that can be used

The information in the following table applies to both configurations.

[40] Recommendations for the materials

Excellent	Good	Do not use
Materials Océ brand paper Plain paper of comparable, excellent quality Pre-printed paper Punched paper Coated paper Thermo plotter	**Materials** Océ Green or gray label Plain paper of good but varying quality Slightly curling paper (comparable to Océ Yellow, Blue label) color copy paper	**Materials** Paper with extreme properties (e.g. heavily contaminated paper with glue, dust, talc, wax-paper, with different properties front and back side (chromolux))
Weight 70-170 g/m^2	**Weight** 60-70 g/m^2 170-200 g/m^2	**Weight** < 60 g/m^2 and > 200 g/m^2

Appendix B
Miscellaneous

Reader's comment sheet

Questions

Have you found this manual to be accurate?
O Yes
O No

Were you able to operate the product, after reading this manual?
O Yes
O No

Does this manual provide sufficient background information?
O Yes
O No

Is the format of this manual convenient in size, readability and arrangement (page layout, chapter order, etc.)?
O Yes
O No

Could you find the information you were looking for?
O Always
O Most of the times
O Sometimes
O Not at all

What did you use to find the required information?
O Table of contents
O Index

Are you satisfied with this manual?
O Yes
O No

Thank you for evaluating this manual.
If you have other comments or concerns, please explain or suggest improvements overleaf or on a separate sheet.

Comments:

Date:

This reader's comment sheet is completed by:
(If you prefer to remain unknown, please do fill in your occupation)

Name:

Occupation:

Company:

Phone:

Address:

City:

Country:

Please return this sheet to:

Océ-Technologies B.V.
For the attention of ITC User Documentation.
P.O. Box 101,
5900 MA Venlo
The Netherlands

Send your comments by E-mail to: itc-userdoc@oce.nl

For the addresses of local Océ organisations see: http://www.oce.com

Addresses of local Océ organisations

Océ-Australia Ltd. P.O. Box 363 Ferntree Gully MDC Vic 3165 **Australia** http://www.oce.com.au/	Océ-Österreich GmbH Postfach 95 1233 Vienna **Austria** http://www.oce.at/
Océ-Belgium N.V./S.A. J. Bordetlaan 32 1140 Brussel **Belgium** http://www.oce.be/	Océ-Brasil Comércio e Indústria Ltda. Av. das Nações Unidas, 11.857 Brooklin Novo São Paulo-SP 04578-000 **Brasil** http://www.oce-brasil.com.br/
Océ-Canada Inc. 4711 Yonge Street, Suite 1100 Toronto, Ontario M2N 6K8 **Canada** http://www.oce.ca/	Océ Office Equipment (Beijing) Co., Ltd. Xu Mu Cheng Chaoyang District Beijing 100028 **China** http://www.oce.com.cn/
Océ-Czech Republic ltd. Hanusova 18 140 21 Praha 4 **Czech Republic** http://www.oce.cz/	Océ-Danmark a/s Vallensbækvej 45 2605 Brøndby **Denmark** http://www.oce.dk/
Océ Finland OY Valkjärventie 7 D, PL 3 02130 Espoo **Finland** http://www.oce.fi/	Océ-France S.A. 32, Avenue du Pavé Neuf 93161 Noisy-le-grand, Cedex **France** http://www.oce.fr/
Océ-Deutschland GmbH Solinger Straße 5-7 45481 Mülheim/Ruhr **Germany** http://www.oce.de/	Océ-Hong Kong and China head office 12/F 1202 The Lee Gardens 33 Hysan Avenue Causeway Bay **Hong Kong** http://www.oce.com.hk/

Océ-Hungaria Kft. 1241 Budapest Pf.: 237 **Hungary** http://www.oce.hu/	Océ-Ireland Ltd. 3006 Lake Drive Citywest Business Campus Saggart Co. Dublin **Ireland** http://www.oce.ie/
Océ-Italia S.p.A. Strada Padana Superiore 2/B 20063 Cernusco sul Naviglio (MI) **Italia** http://www.oce.it/	Océ Japan Corporation 3-25-1, Nishi Shinbashi Minato-Ku Tokyo 105-0003 **Japan** http://www.ocejapan.co.jp/
Océ-Belgium S.A. Rue Astrid 2/A 1143 **Luxembourg**-Belair http://www.oce.lu/	Océ Malaysia Sdn. Bhd. #3.01, Level 3, Wisma Academy Lot 4A, Jalan 19/1 46300 Petaling Jaya Selangor Darul Ehsan **Malaysia** http://www.ocemal.com.my/
Océ-Mexico S.A. de C.V. Prolongación Reforma 1236, 4to Piso Col. Santa Fé, Del. Cuajimalpa C.P. 05348 México, D.F. **México** http://www.oceusa.com/	Océ-Norge A.S. Postboks 4434 Nydalen Gjerdrums vei 8 0403 Oslo **Norway** http://www.oce.no/
Océ-Poland Ltd. Sp.z o.o. ul. Bitwy Warszawskiej 1920 r. nr. 7 02-366 Warszawa **Poland** http://www.oce.com.pl/	Océ-Lima Mayer, S.A. Av. José Gomes Ferreira, 11 Piso 2 - Miraflores 1497-139 Algés **Portugal** http://www.oce.pt/
Océ Singapore Pte Ltd. 190 MacPherson Road #03-00 Wisma Gulab **Singapore** 348548	Océ Printing Systems (PTY) Ltd. P.O.Box 629 Rivonia 2128 **South Africa**

Océ España SA Business Park Mas Blau Osona, 2 08820 El Prat de Llobregat Barcelona **Spain** http://www.oce.es/	Océ-Svenska AB Sollentunavägen 84 191 27 Sollentuna **Sweden** http://www.oce.se/
Océ-Schweiz AG Sägereistrasse 10 CH8152 Glattbrugg **Schweiz** http://www.oce.ch/	Océ (Thailand) Ltd. B.B. Building 16/Floor 54 Asoke Road Sukhumvit 21 Bangkok 10110 **Thailand**
Océ-Nederland B.V. P.O.Box 800 5201 AV 's-Hertogenbosch **The Netherlands** http://www.oce.nl/	Océ (UK) Limited Océ House Chatham Way Brentwood, Essex CM14 4DZ **United Kingdom** http://www.oce.co.uk/
Océ North America Inc. 5450 North Cumberland Avenue Chicago, IL 60656 **USA** http://www.oceusa.com/	

Note: *The web site http://www.oce.com gives the current addresses of the local Océ organizations and distributors.*

Note: *The addresses of local Océ organizations for information about the Wide Format Printing Systems and the Production Printing Systems can be different from the addresses above. Refer to the web site http://www.oce.com for the addresses you need.*

Index

A

Active PDL
- Set IPDS 39
- Set PCL 39

Add the paper 109
Add the staples 105, 107
Available Documentation 11

C

Cancel job 98
Clear buffer 98
Clear staple jam 120
Cold paper path 72, 89
Components
- Correction key 16
- Finisher 14
- Finisher front door 14
- Front doors 14
- Left front door 14
- Operator panel 16
- Paper trays 14
- Printer 14
- Scroll wheel 16
- Softkeys 16
- Start key 16
- Stop key 16
- System key 16
- Top left cover 14
- Upper output 14

Controller restart 31
Custom size media
- Media management mode 69, 86
- Tray management mode 69, 86

Custom sizes
- Configure 110
- Media catalog 110
- Media management mode 111
- Program 110
- Tray management mode 111
- Use 110

D

Documentation set 11

E

Error screens 116

F

Fill the paper trays 109

G

General printer features 10
GPD file 93

H

Handling Errors 116
Hot paper path 72, 89

I

Image shift
- Back side 66, 85
- Front side 66, 85
- Values 64, 83

Inserts
- Media management mode 72, 89
- Process 72, 89
- Regular 72, 89
- Tray management mode 72, 89

Install paper tray
- Bulk tray 26
- Dual paper tray 26

IPDS attributes 22

J

Job
- Cancel 98

K

Keys
Correction 16
Numeric 16
Softkeys 16
Start 16
Stop 16
System 16

L

Language
Change 38
Set 38
LED in the On/Off button 28
Link trays 74
Load
Media settings 60
Tray settings 60
Load the paper trays 109
Log on
Key operator 35
system administrator 37
Low power mode 20

M

Machine recoverable error 116
Manuals
Safety 11
User 11
Media catalog 54
Custom sizes 110
Media name 56
Oriented paper 56
Oversize media 112
Paper format 56
Special front 56
Media management 56
Load settings 60
Store settings 58
Media management mode
Custom sizes 111
Media name selection 82
Media section
Feed direction 46
Icons 46
Image shift 46
Media name 46
Paper size 46
Paper tray icons 46
Paper trays 46
Special front 46
Message area
Print job information 43
System information 43

O

Off-line stapler 107
On/Off button 28
On-line help 11
On-line staplers 105
Operator language
Change 38
Set 38
Operator panel
Basic view 42
Media section 16, 46
Message area 16, 43
System manager 16
System section 16, 44
Operator panel components 16
Operator recoverable error 116
Oversize media
Adapt the paper tray 113
Media management mode 71, 88, 113
Program 113
Tray management mode 71, 88, 113

P

Page Description Language
IPDS 22
PCL 22
Paper input
Media management 56
Tray management 56
Paper jams
Finisher 119
General information 118
Paper path 119
Paper trays 119
Upper output 119
Paper path 72, 89
Paper trays
Custom sizes 110
Install bulk tray 26
Install dual paper tray 26
Oversize media 112
Remove bulk tray 24
Remove dual paper tray 24

Pause print job
After this page 95
After this set 95
PCL attributes 22
Permanent error 116
Power mode
Low power mode 20
Off 19
Sleep mode 21
Power state indicators 28
Power switch 28
Print job
Cancel 98
Clear buffer 98
Pause 95
resume 97
Stop 98
Print jobs
Possible server configurations 92
Server platforms 92
Printer components 14
Product specifications 122

R

Refill the staplers 105
Remove paper tray
Bulk tray 24
Dual paper tray 24
Restart controller 31
Restart Océ Smart Imager 31
Resume print job 97

S

Scroll wheel 16
Select media name 82
Shut-down procedure 30
Signal colors 23
Signal lamp 23
Sleep mode 21
Smart Imager restart 31
Special front
Define on operator panel 68
Tray management 68
Specifications
Dual paper tray 122
Network connection 122
Platforms 122
Print speed 122
Process 122
Resolution 122
Toner 122
Warm-up time 122
SRA channel
Off-line 40
On-line 40
Staple jam 120
Staplers
Access stapler 3 107
Access staplers 1 and 2 105
Refill 105
Store
Media settings 58
Tray settings 58
System administrator
log on 37
System manager
Access 50
Media section 52
System section 50
Tray management 74
Tray section 51
System section
External finisher 44
Icons 44
Network connection 44
Service required 44
Stapler level 44
Toner level 44

T

Toner
Add 104
Confirm refill 104
Toner reservoir
Close 104
Open 102
Tray capacity
3 Trays 124
4 Trays 125
Tray management 56
Add tray to group 74
Create group 74
Load settings 60
Store settings 58
Tray management mode
Custom sizes 111
Tray-linking
Add tray to group 74
Create 2 groups 80

Create 2 groups from All trays 78
Create a group 74
Media management 62
Number of groups 61
Remove a tray from a group 77
Tray management 61
Turning the System On 29

W

Warm paper path 72, 89